



300 E. Mineral Ave., Suite 10
 Littleton, CO 80122-2631
 303/781-8211 303/781-1167 Fax

May 9, 2005

Mrs. Diana Whitney
 State of Utah
 Division of Oil Gas and Mining
 P.O. Box 145801
 Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.
HCU 7-32F, *Surface Location:* 2,302' FNL, 1,046' FEL, SE/4 NE/4,
Target Location: 1,800' FNL, 1,500' FEL, SW/4 NE/4,
 Section 32, T10S, R20E, SLB&M, Uintah County, Utah

Dear Mrs. Whitney:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and two copies of the *Application for Permit to Drill (APD)* for the above referenced directional well. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan with Directional Drilling Proposal;

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

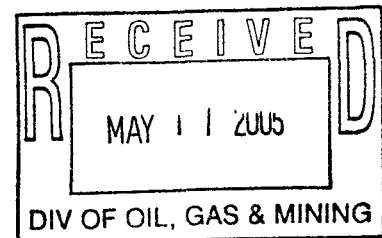
Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

Don Hamilton

Don Hamilton
 Agent for Dominion

cc: Fluid Mineral Group, BLM—Vernal Field Office
 Carla Christian, Dominion
 Marty Buys, Buys & Associates, Inc.



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RECEIVED
 MAY 18 2005
 DIV. OF OIL, GAS & MINING

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 Section 32, T10S, R20E, SLB&M, Uintah County, Utah

Dear Mrs. Whitney:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and two copies of the *Application for Permit to Drill (APD)* for the above referenced directional well. A request for exception to spacing (R649-3-11) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well and all points along the intended well bore path. Included with the APD is the following supplemental information:

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cc: Fluid Mineral Group, BLM—Vernal Field Office
 Carla Christian, Dominion
 Marty Buys, Buys & Associates, Inc.

ORIGINAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

001

APPLICATION FOR PERMIT TO DRILL		5. MINERAL LEASE NO: ML-22313-2	6. SURFACE: Federal
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: Hill Creek Unit	
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.		9. WELL NAME and NUMBER: HCU 7-32F	
3. ADDRESS OF OPERATOR: 14000 Quail Sp Pkwy CITY Oklahoma City STATE OK ZIP 73134		PHONE NUMBER: (405) 749-5263	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2,302' FNL, 1,046' FEL, SE/4 NE/4 AT PROPOSED PRODUCING ZONE: 1,800' FNL, 1,500' FEL, SW/4 NE/4		10. FIELD AND POOL, OR WILDCAT: Natural Buttes	
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 32 10 20 S		12. COUNTY: Uintah	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 12.69 miles south of Ouray, Utah		13. STATE: UTAH	
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 200'	16. NUMBER OF ACRES IN LEASE: 640	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 1,000'	19. PROPOSED DEPTH: 8,050	20. BOND DESCRIPTION: SITLA Blanket 76S 63050 361	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5,271'	22. APPROXIMATE DATE WORK WILL START: 8/1/2005	23. ESTIMATED DURATION: 14 days	

24. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
17-1/2"	13-3/8"	h-40 ST	48#	500	see Drilling Plan 450
12-1/4"	9-5/8"	J-55 LT	36#	2,800	see Drilling Plan 300/390
7-7/8"	5-1/2"	Mav 80 L	17#	8,050	see Drilling Plan 90/600

25. ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:	
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

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NAME (PLEASE PRINT) Don Hamilton TITLE Agent for Dominion Exploration & Production, Inc.

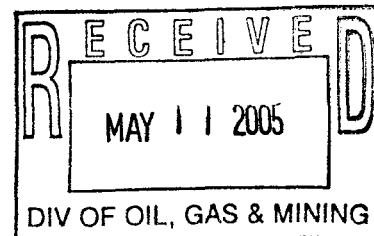
SIGNATURE Don Hamilton DATE 5/9/2005

(This space for State use only)

API NUMBER ASSIGNED: 43-047-36684

Approved by the
Utah Division of
Oil, Gas and Mining

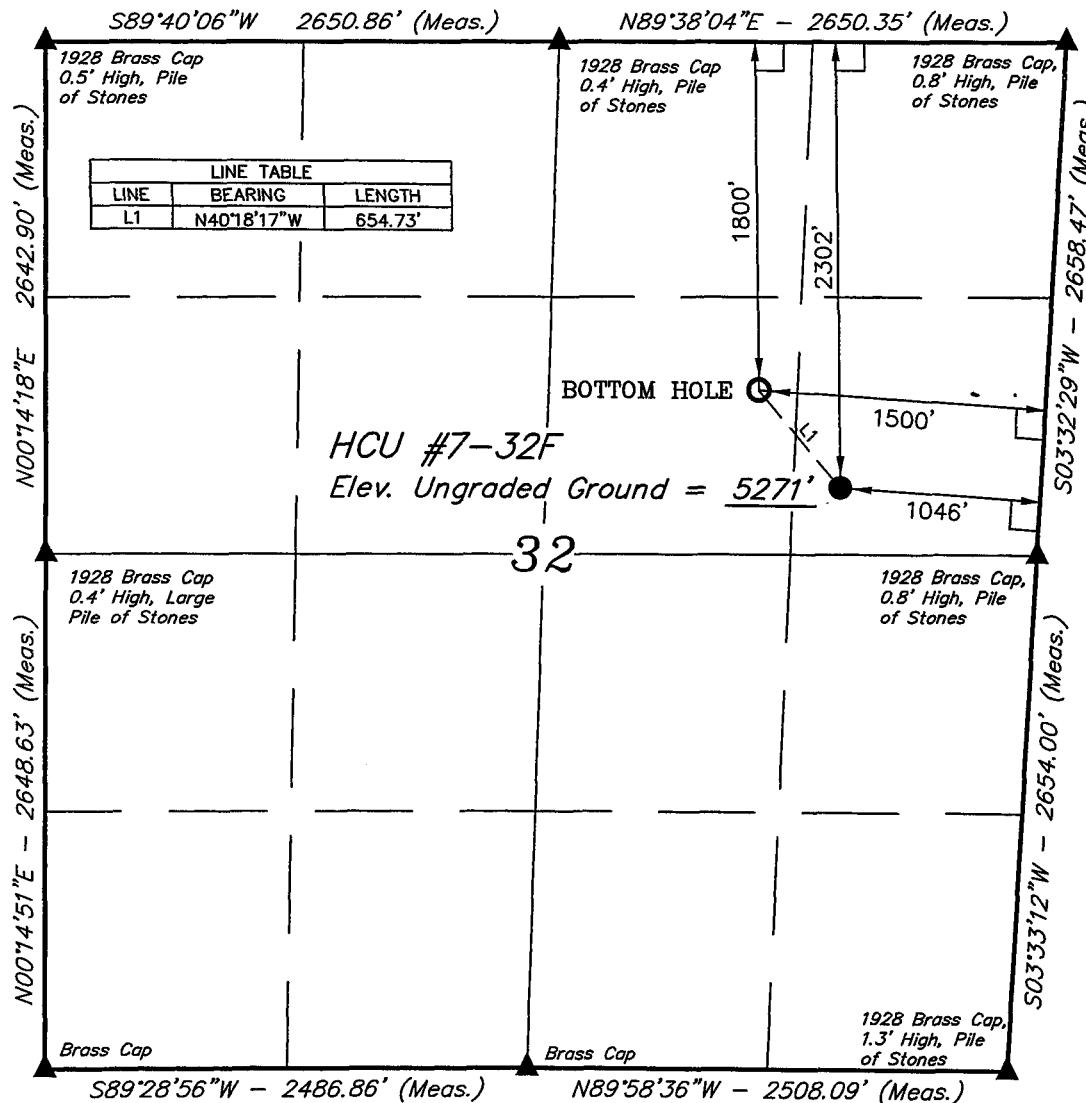
Date 5/9/2005
By: [Signature]



(11/2001)

Federal Approval of this
Action is Necessary

T10S, R20E, S.L.B.&M.



LEGEND:

- └─ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)
 LATITUDE = 39°54'16.59" (39.904608)
 LONGITUDE = 109°40'59.82" (109.683283)
 (NAD 27)
 LATITUDE = 39°54'16.72" (39.904644)
 LONGITUDE = 109°40'57.33" (109.682592)

DOMINION EXPLR. & PROD., INC.

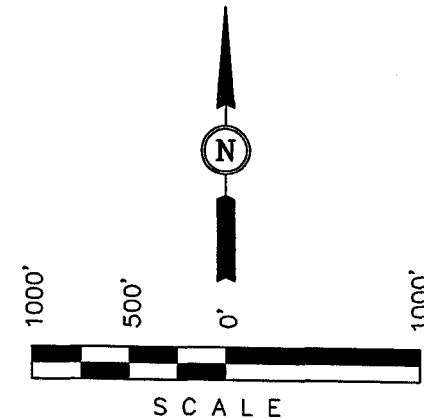
Well location, HCU #7-32F, located as shown in the SE 1/4 NE 1/4 of Section 32, T10S, R20E, S.L.B.&M. Uintah County Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW, QUADRANGLE, UTAH, UTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

Revised: 02-22-05 D.R.B.

UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 01-24-05	DATE DRAWN: 02-01-05
PARTY S.H. L.M. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE DOMINION EXPLR. & PROD., INC	

DRILLING PLAN

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator: Dominion Exploration & Production
Address: 14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134
Well Location: HCU 7-32F
SHL: 2302' FNL & 1046' FEL, Section 32-10S-20E
BHL: 1800' FNL & 1500' FEL, Section 32-10S-20E
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,610'
Uteland Limestone	3,965'
Wasatch	4,115'
Chapita Wells	5,075'
Uteland Buttes	6,300'
Mesaverde	7,210'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	3,610'	Oil
Uteland Limestone	3,965'	Oil
Wasatch	4,115'	Gas
Chapita Wells	5,075'	Gas
Uteland Buttes	6,300'	Gas
Mesaverde	7,210'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	LTC	0'	2,800'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,050'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

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DRILLING PLAN

APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

6. MUD SYSTEMS

- An air or an air/mist system may be used to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' – 500'	8.4	Air foam mist, no pressure control
500' – 2,800'	8.6	Fresh water, rotating head and diverter
2,800' – 8,050'	8.6	Fresh water/2% KCL/KCL mud system

7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500–2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H₂S gas.

11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

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DRILLING PLAN

APPROVAL OF OPERATIONS

12. CEMENT SYSTEMS

a. Surface Cement:

Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl₂ and 1/4 #/sk. Poly-E-Flakes (volume includes 40% excess). Top out if necessary with Top Out cement listed below.

b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 2,800'±, run and cement 9-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.
- Cement to surface not required due to surface casing set deeper than normal.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	300	0'-2,000'	11.0 ppg	3.82 CFS	658 CF	1,152 CF	75%
Tail	390	2,000'-2,800'	15.6 ppg	1.20 CFS	268 CF	469 CF	75%

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
Slurry yield: 3.82 cf/sack Slurry weight: 11.00 #/gal.
Water requirement: 22.95 gal/sack
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.
Pump Time: 1 hr. 5 min. @ 90 °F.
Compressives @ 95 °F: 24 Hour is 4,700 psi

c. Production Casing Cement:

- Drill 7-7/8" hole to 8,050'±, run and cement 5 1/2".
- Cement interface is at 3,700', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 3% KCL.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	90	3,700'-4,500'	11.5 ppg	3.12 CFS	139 CF	277 CF	100%
Tail	600	4,500'-8,050'	13.0 ppg	1.75 CFS	525 CF	1050 CF	100%

Note: Caliper will be run to determine exact cement volume.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.
Water requirement: 17.71 gal/sack
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.
Slurry yield: 1.75 cf/sack Slurry weight: 13.00 #/gal.
Water requirement: 9.09 gal/sack
Compressives @ 165°F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: August 1, 2005
Duration: 14 Days

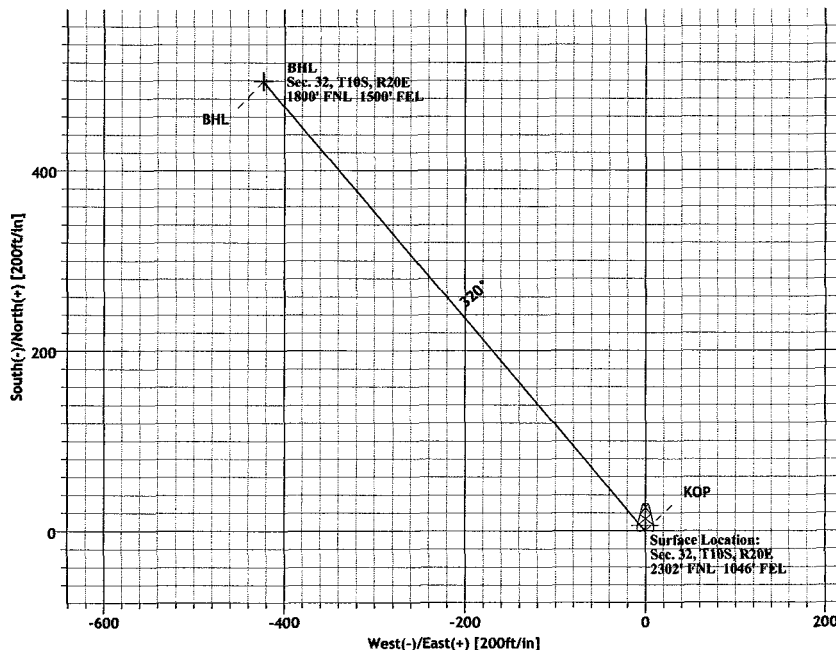
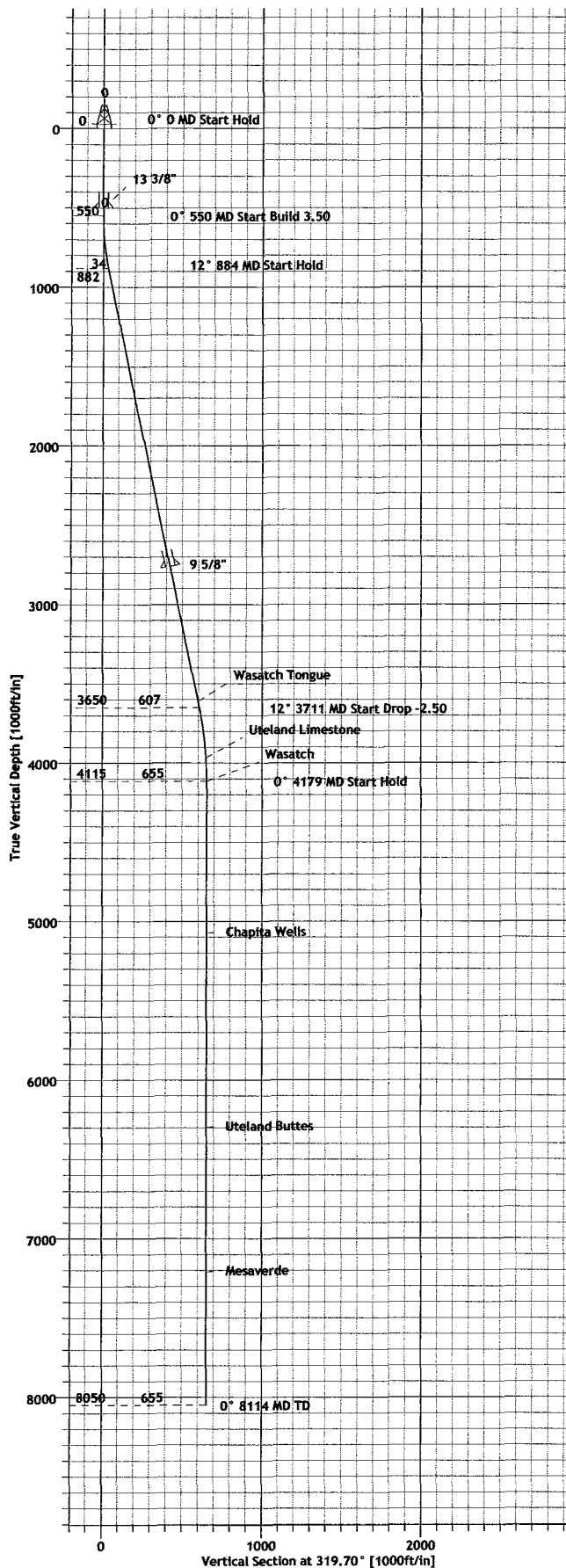
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Plan #1

Dominion E & P

Well: HCU 7-32F
Field: Hill Creek Unit
Utah Co. Utah
Sec. 32, T10S, R20E



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	319.70	0.00	0.00	0.00	0.00	0.00	0.00	
2	550.00	0.00	319.70	550.00	0.00	0.00	0.00	319.70	0.00	
3	884.18	11.70	319.70	881.87	25.92	-21.99	3.50	319.70	33.99	
4	3711.41	11.70	319.70	3650.39	463.02	-392.73	0.00	0.00	607.14	
5	4179.26	0.00	319.70	4115.00	499.31	-423.51	2.50	180.00	654.73	
6	8114.26	0.00	319.70	8050.00	499.31	-423.51	0.00	319.70	654.73	

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
HCU 7-32F	0.00	0.00	7139167.28	2150019.08	39°54'16.590N	109°40'59.820W	N/A

FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	3610.00	3670.17	Wasatch Tongue
2	3965.00	4029.16	Uteland Limestone
3	4115.00	4179.26	Wasatch
4	5075.00	5139.26	Chapita Wells
5	6300.00	6364.26	Uteland Buttes
6	7210.00	7274.26	Mesaverde

WELLPATH DETAILS

1			
Rig:	est.KB@5290'		0.00ft
Ref. Datum:			
V.Section Angle	Origin +N/-S	Origin +E/-W	Starting From TVD
319.70°	0.00	0.00	0.00

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Site Centre HCU 7-32F, True North
Vertical (TVD) Reference: est.KB@5290' 0.00
Section (VS) Reference: Site Centre (0.00N,0.00E)
Measured Depth Reference: est.KB@5290' 0.00
Calculation Method: Minimum Curvature



Azimuths to True North
Magnetic North: 11.92°

Magnetic Field
Strength: 52912nT
Dip Angle: 65.91°
Date: 4/29/2005
Model: igrf2005

FIELD DETAILS

Natural Buttes Field
Utah County, Utah
USA
Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: Utah, Central Zone
Magnetic Model: igrf2005
System Datum: Mean Sea Level
Local North: True North

SITE DETAILS

HCU 7-32F
Hill Creek Unit
Sec. 32, T10S, R20E
Site Centre Latitude: 39°54'16.590N
Longitude: 109°40'59.820W
Ground Level: 5271.00
Positional Uncertainty: 0.00
Convergence: 1.16

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Ryan Energy Technologies

Planning Report



Company: Dominion E & P
Field: Natural Buttes Field
Site: HCU 7-32F
Well: HCU 7-32F
Wellpath: 1

Date: 4/29/2005
Co-ordinate(NE) Reference: HCU 7-32F, True North
Vertical (TVD) Reference: est.KB@5290' 0.0
Section (VS) Reference: Site (0.00N,0.00E,319.70Azi)
Plan: Plan #1

Time: 08:19:24
Page: 1

Field: Natural Buttes Field
 Uintah County, Utah
 USA

Map System: US State Plane Coordinate System 1983
Geo Datum: GRS 1980
Sys Datum: Mean Sea Level

Map Zone: Utah, Central Zone
Coordinate System: Site Centre
Geomagnetic Model: igrf2005

Site: HCU 7-32F
 Hill Creek Unit
 Sec. 32, T10S, R20E

Site Position: Northing: 7139167.28 ft Latitude: 39 54 16.590 N
From: Geographic Easting: 2150019.08 ft Longitude: 109 40 59.820 W
Position Uncertainty: 0.00 ft North Reference: True
Ground Level: 5271.00 ft Grid Convergence: 1.16 deg

Well: HCU 7-32F

Slot Name:

Surface Position: +N/-S 0.00 ft Northing: 7139167.28 ft Latitude: 39 54 16.590 N
 +E/-W 0.00 ft Easting: 2150019.08 ft Longitude: 109 40 59.820 W
Position Uncertainty: 0.00 ft
Reference Point: +N/-S 0.00 ft Northing: 7139167.28 ft Latitude: 39 54 16.590 N
 +E/-W 0.00 ft Easting: 2150019.08 ft Longitude: 109 40 59.820 W
Measured Depth: 0.00 ft **Inclination:** 0.00 deg
Vertical Depth: 0.00 ft **Azimuth:** 0.00 deg

Wellpath: 1

Current Datum: est.KB@5290'
Magnetic Data: 4/29/2005
Field Strength: 52912 nT
Vertical Section: Depth From (TVD) ft

Height 0.00 ft

+N/-S ft

Drilled From: Well Ref. Point
Tie-on Depth: 0.00 ft
Above System Datum: Mean Sea Level
Declination: 11.92 deg
Mag Dip Angle: 65.91 deg
+E/-W ft **Direction** deg

0.00

0.00

0.00

319.70

Plan: Plan #1

Date Composed: 4/29/2005

Principal: No

Version: 1

Tied-to: From Well Ref. Point

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	319.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	319.70	550.00	0.00	0.00	0.00	0.00	0.00	319.70	
884.18	11.70	319.70	881.87	25.92	-21.99	3.50	3.50	0.00	319.70	
3711.41	11.70	319.70	3650.39	463.02	-392.73	0.00	0.00	0.00	0.00	
4179.26	0.00	319.70	4115.00	499.31	-423.51	2.50	-2.50	0.00	180.00	
8114.26	0.00	319.70	8050.00	499.31	-423.51	0.00	0.00	0.00	319.70	

Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	319.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	319.70	100.00	0.00	0.00	0.00	0.00	0.00	0.00	319.70
200.00	0.00	319.70	200.00	0.00	0.00	0.00	0.00	0.00	0.00	319.70
300.00	0.00	319.70	300.00	0.00	0.00	0.00	0.00	0.00	0.00	319.70
400.00	0.00	319.70	400.00	0.00	0.00	0.00	0.00	0.00	0.00	319.70
500.00	0.00	319.70	500.00	0.00	0.00	0.00	0.00	0.00	0.00	319.70
550.00	0.00	319.70	550.00	0.00	0.00	0.00	0.00	0.00	0.00	319.70

Section 2 : Start Build 3.50

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
600.00	1.75	319.70	599.99	0.58	-0.49	0.76	3.50	3.50	0.00	0.00
700.00	5.25	319.70	699.79	5.24	-4.44	6.87	3.50	3.50	0.00	0.00

CONFIDENTIAL



Ryan Energy Technologies

Planning Report



Company: Dominion E & P
Field: Natural Buttes Field
Site: HCU 7-32F
Well: HCU 7-32F
Wellpath: 1

Date: 4/29/2005 Time: 08:19:24
Co-ordinate(NE) Reference: HCU 7-32F, True North
Vertical (TVD) Reference: KB@5290' 0.0
Section (VS) Reference: Site (0.00N,0.00E,319.70Azi)
Plan: Plan #1

Page: 2

Section 2 : Start Build 3.50

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
800.00	8.75	319.70	799.03	14.53	-12.32	19.05	3.50	3.50	0.00	0.00
884.18	11.70	319.70	881.87	25.92	-21.99	33.99	3.50	3.50	0.00	0.00

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
900.00	11.70	319.70	897.36	28.37	-24.06	37.20	0.00	0.00	0.00	0.00
1000.00	11.70	319.70	995.28	43.83	-37.17	57.47	0.00	0.00	0.00	0.00
1100.00	11.70	319.70	1093.20	59.29	-50.29	77.74	0.00	0.00	0.00	0.00
1200.00	11.70	319.70	1191.13	74.75	-63.40	98.02	0.00	0.00	0.00	0.00
1300.00	11.70	319.70	1289.05	90.21	-76.51	118.29	0.00	0.00	0.00	0.00
1400.00	11.70	319.70	1386.97	105.67	-89.63	138.56	0.00	0.00	0.00	0.00
1500.00	11.70	319.70	1484.90	121.13	-102.74	158.83	0.00	0.00	0.00	0.00
1600.00	11.70	319.70	1582.82	136.59	-115.85	179.11	0.00	0.00	0.00	0.00
1700.00	11.70	319.70	1680.74	152.05	-128.97	199.38	0.00	0.00	0.00	0.00
1800.00	11.70	319.70	1778.67	167.51	-142.08	219.65	0.00	0.00	0.00	0.00
1900.00	11.70	319.70	1876.59	182.97	-155.19	239.92	0.00	0.00	0.00	0.00
2000.00	11.70	319.70	1974.51	198.43	-168.31	260.20	0.00	0.00	0.00	0.00
2100.00	11.70	319.70	2072.44	213.89	-181.42	280.47	0.00	0.00	0.00	0.00
2200.00	11.70	319.70	2170.36	229.35	-194.53	300.74	0.00	0.00	0.00	0.00
2300.00	11.70	319.70	2268.29	244.81	-207.65	321.01	0.00	0.00	0.00	0.00
2400.00	11.70	319.70	2366.21	260.27	-220.76	341.29	0.00	0.00	0.00	0.00
2500.00	11.70	319.70	2464.13	275.73	-233.87	361.56	0.00	0.00	0.00	0.00
2600.00	11.70	319.70	2562.06	291.19	-246.99	381.83	0.00	0.00	0.00	0.00
2700.00	11.70	319.70	2659.98	306.65	-260.10	402.10	0.00	0.00	0.00	0.00
2800.00	11.70	319.70	2757.90	322.11	-273.21	422.38	0.00	0.00	0.00	0.00
2900.00	11.70	319.70	2855.83	337.57	-286.33	442.65	0.00	0.00	0.00	0.00
3000.00	11.70	319.70	2953.75	353.03	-299.44	462.92	0.00	0.00	0.00	0.00
3100.00	11.70	319.70	3051.67	368.49	-312.55	483.19	0.00	0.00	0.00	0.00
3200.00	11.70	319.70	3149.60	383.95	-325.67	503.47	0.00	0.00	0.00	0.00
3300.00	11.70	319.70	3247.52	399.41	-338.78	523.74	0.00	0.00	0.00	0.00
3400.00	11.70	319.70	3345.44	414.87	-351.89	544.01	0.00	0.00	0.00	0.00
3500.00	11.70	319.70	3443.37	430.33	-365.01	564.28	0.00	0.00	0.00	0.00
3600.00	11.70	319.70	3541.29	445.79	-378.12	584.56	0.00	0.00	0.00	0.00
3670.17	11.70	319.70	3610.00	456.64	-387.32	598.78	0.00	0.00	0.00	0.00
3700.00	11.70	319.70	3639.22	461.25	-391.23	604.83	0.00	0.00	0.00	0.00
3711.41	11.70	319.70	3650.39	463.02	-392.73	607.14	0.00	0.00	0.00	0.00

Section 4 : Start Drop -2.50

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3800.00	9.48	319.70	3737.46	475.43	-403.26	623.42	2.50	-2.50	0.00	180.00
3900.00	6.98	319.70	3836.43	486.35	-412.52	637.74	2.50	-2.50	0.00	180.00
4000.00	4.48	319.70	3935.92	493.97	-418.98	647.72	2.50	-2.50	0.00	180.00
4029.16	3.75	319.70	3965.00	495.56	-420.33	649.82	2.50	-2.50	0.00	-180.00
4100.00	1.98	319.70	4035.75	498.26	-422.62	653.36	2.50	-2.50	0.00	180.00
4179.26	0.00	319.70	4115.00	499.31	-423.51	654.73	2.50	-2.50	0.00	180.00

Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4200.00	0.00	319.70	4135.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
4300.00	0.00	319.70	4235.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
4400.00	0.00	319.70	4335.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
4500.00	0.00	319.70	4435.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
4600.00	0.00	319.70	4535.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
4700.00	0.00	319.70	4635.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
4800.00	0.00	319.70	4735.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
4900.00	0.00	319.70	4835.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
5000.00	0.00	319.70	4935.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
5100.00	0.00	319.70	5035.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70

CONFIDENTIAL



Ryan Energy Technologies

Planning Report



Company: Dominion E & P
Field: Natural Buttes Field
Site: HCU 7-32F
Well: HCU 7-32F
Wellpath: 1

Date: 4/29/2005 Time: 08:19:24
Co-ordinate(N/E) Reference: HCU 7-32F, True North
Vertical (TVD) Reference: KB@5290' 0.0
Section (VS) Reference: Site (0.00N,0.00E,319.70Azi)
Plan: Plan #1

Page: 3

Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5139.26	0.00	319.70	5075.00	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
5200.00	0.00	319.70	5135.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
5300.00	0.00	319.70	5235.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
5400.00	0.00	319.70	5335.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
5500.00	0.00	319.70	5435.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
5600.00	0.00	319.70	5535.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
5700.00	0.00	319.70	5635.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
5800.00	0.00	319.70	5735.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
5900.00	0.00	319.70	5835.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
6000.00	0.00	319.70	5935.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
6100.00	0.00	319.70	6035.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
6200.00	0.00	319.70	6135.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
6300.00	0.00	319.70	6235.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
6364.26	0.00	319.70	6300.00	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
6400.00	0.00	319.70	6335.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
6500.00	0.00	319.70	6435.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
6600.00	0.00	319.70	6535.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
6700.00	0.00	319.70	6635.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
6800.00	0.00	319.70	6735.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
6900.00	0.00	319.70	6835.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
7000.00	0.00	319.70	6935.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
7100.00	0.00	319.70	7035.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
7200.00	0.00	319.70	7135.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
7274.26	0.00	319.70	7210.00	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
7300.00	0.00	319.70	7235.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
7400.00	0.00	319.70	7335.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
7500.00	0.00	319.70	7435.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
7600.00	0.00	319.70	7535.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
7700.00	0.00	319.70	7635.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
7800.00	0.00	319.70	7735.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
7900.00	0.00	319.70	7835.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
8000.00	0.00	319.70	7935.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
8100.00	0.00	319.70	8035.74	499.31	-423.51	654.73	0.00	0.00	0.00	319.70
8114.26	0.00	319.70	8050.00	499.31	-423.51	654.73	0.00	0.00	0.00	319.70

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	319.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	319.70	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	319.70	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	319.70	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	319.70	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	319.70	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	319.70	550.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
600.00	1.75	319.70	599.99	0.58	-0.49	0.76	3.50	3.50	0.00	
700.00	5.25	319.70	699.79	5.24	-4.44	6.87	3.50	3.50	0.00	
800.00	8.75	319.70	799.03	14.53	-12.32	19.05	3.50	3.50	0.00	
884.18	11.70	319.70	881.87	25.92	-21.99	33.99	3.50	3.50	0.00	
900.00	11.70	319.70	897.36	28.37	-24.06	37.20	0.00	0.00	0.00	
1000.00	11.70	319.70	995.28	43.83	-37.17	57.47	0.00	0.00	0.00	
1100.00	11.70	319.70	1093.20	59.29	-50.29	77.74	0.00	0.00	0.00	
1200.00	11.70	319.70	1191.13	74.75	-63.40	98.02	0.00	0.00	0.00	
1300.00	11.70	319.70	1289.05	90.21	-76.51	118.29	0.00	0.00	0.00	
1400.00	11.70	319.70	1386.97	105.67	-89.63	138.56	0.00	0.00	0.00	
1500.00	11.70	319.70	1484.90	121.13	-102.74	158.83	0.00	0.00	0.00	
1600.00	11.70	319.70	1582.82	136.59	-115.85	179.11	0.00	0.00	0.00	
1700.00	11.70	319.70	1680.74	152.05	-128.97	199.38	0.00	0.00	0.00	
1800.00	11.70	319.70	1778.67	167.51	-142.08	219.65	0.00	0.00	0.00	

CONFIDENTIAL



Ryan Energy Technologies

Planning Report



Company: Dominion E & P
Field: Natural Buttes Field
Site: HCU 7-32F
Well: HCU 7-32F
Wellpath: 1

Date: 4/29/2005 Time: 08:19:24
Co-ordinate(NE) Reference: HCU 7-32F, True North
Vertical (TVD) Reference: KB@5290' 0.0
Section (VS) Reference: Site (0.00N,0.00E,319.70Azi)
Plan: Plan #1

Page: 4

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1900.00	11.70	319.70	1876.59	182.97	-155.19	239.92	0.00	0.00	0.00	
2000.00	11.70	319.70	1974.51	198.43	-168.31	260.20	0.00	0.00	0.00	
2100.00	11.70	319.70	2072.44	213.89	-181.42	280.47	0.00	0.00	0.00	
2200.00	11.70	319.70	2170.36	229.35	-194.53	300.74	0.00	0.00	0.00	
2300.00	11.70	319.70	2268.29	244.81	-207.65	321.01	0.00	0.00	0.00	
2400.00	11.70	319.70	2366.21	260.27	-220.76	341.29	0.00	0.00	0.00	
2500.00	11.70	319.70	2464.13	275.73	-233.87	361.56	0.00	0.00	0.00	
2600.00	11.70	319.70	2562.06	291.19	-246.99	381.83	0.00	0.00	0.00	
2700.00	11.70	319.70	2659.98	306.65	-260.10	402.10	0.00	0.00	0.00	
2800.00	11.70	319.70	2757.90	322.11	-273.21	422.38	0.00	0.00	0.00	
2900.00	11.70	319.70	2855.83	337.57	-286.33	442.65	0.00	0.00	0.00	
3000.00	11.70	319.70	2953.75	353.03	-299.44	462.92	0.00	0.00	0.00	
3100.00	11.70	319.70	3051.67	368.49	-312.55	483.19	0.00	0.00	0.00	
3200.00	11.70	319.70	3149.60	383.95	-325.67	503.47	0.00	0.00	0.00	
3300.00	11.70	319.70	3247.52	399.41	-338.78	523.74	0.00	0.00	0.00	
3400.00	11.70	319.70	3345.44	414.87	-351.89	544.01	0.00	0.00	0.00	
3500.00	11.70	319.70	3443.37	430.33	-365.01	564.28	0.00	0.00	0.00	
3600.00	11.70	319.70	3541.29	445.79	-378.12	584.56	0.00	0.00	0.00	
3670.17	11.70	319.70	3610.00	456.64	-387.32	598.78	0.00	0.00	0.00	Wasatch Tongue
3700.00	11.70	319.70	3639.22	461.25	-391.23	604.83	0.00	0.00	0.00	
3711.41	11.70	319.70	3650.39	463.02	-392.73	607.14	0.00	0.00	0.00	
3800.00	9.48	319.70	3737.46	475.43	-403.26	623.42	2.50	-2.50	0.00	
3900.00	6.98	319.70	3836.43	486.35	-412.52	637.74	2.50	-2.50	0.00	
4000.00	4.48	319.70	3935.92	493.97	-418.98	647.72	2.50	-2.50	0.00	
4029.16	3.75	319.70	3965.00	495.56	-420.33	649.82	2.50	-2.50	0.00	Uteland Limestone
4100.00	1.98	319.70	4035.75	498.26	-422.62	653.36	2.50	-2.50	0.00	
4179.26	0.00	319.70	4115.00	499.31	-423.51	654.73	2.50	-2.50	0.00	Wasatch
4200.00	0.00	319.70	4135.74	499.31	-423.51	654.73	0.00	0.00	0.00	
4300.00	0.00	319.70	4235.74	499.31	-423.51	654.73	0.00	0.00	0.00	
4400.00	0.00	319.70	4335.74	499.31	-423.51	654.73	0.00	0.00	0.00	
4500.00	0.00	319.70	4435.74	499.31	-423.51	654.73	0.00	0.00	0.00	
4600.00	0.00	319.70	4535.74	499.31	-423.51	654.73	0.00	0.00	0.00	
4700.00	0.00	319.70	4635.74	499.31	-423.51	654.73	0.00	0.00	0.00	
4800.00	0.00	319.70	4735.74	499.31	-423.51	654.73	0.00	0.00	0.00	
4900.00	0.00	319.70	4835.74	499.31	-423.51	654.73	0.00	0.00	0.00	
5000.00	0.00	319.70	4935.74	499.31	-423.51	654.73	0.00	0.00	0.00	
5100.00	0.00	319.70	5035.74	499.31	-423.51	654.73	0.00	0.00	0.00	
5139.26	0.00	319.70	5075.00	499.31	-423.51	654.73	0.00	0.00	0.00	Chapita Wells
5200.00	0.00	319.70	5135.74	499.31	-423.51	654.73	0.00	0.00	0.00	
5300.00	0.00	319.70	5235.74	499.31	-423.51	654.73	0.00	0.00	0.00	
5400.00	0.00	319.70	5335.74	499.31	-423.51	654.73	0.00	0.00	0.00	
5500.00	0.00	319.70	5435.74	499.31	-423.51	654.73	0.00	0.00	0.00	
5600.00	0.00	319.70	5535.74	499.31	-423.51	654.73	0.00	0.00	0.00	
5700.00	0.00	319.70	5635.74	499.31	-423.51	654.73	0.00	0.00	0.00	
5800.00	0.00	319.70	5735.74	499.31	-423.51	654.73	0.00	0.00	0.00	
5900.00	0.00	319.70	5835.74	499.31	-423.51	654.73	0.00	0.00	0.00	
6000.00	0.00	319.70	5935.74	499.31	-423.51	654.73	0.00	0.00	0.00	
6100.00	0.00	319.70	6035.74	499.31	-423.51	654.73	0.00	0.00	0.00	
6200.00	0.00	319.70	6135.74	499.31	-423.51	654.73	0.00	0.00	0.00	
6300.00	0.00	319.70	6235.74	499.31	-423.51	654.73	0.00	0.00	0.00	
6364.26	0.00	319.70	6300.00	499.31	-423.51	654.73	0.00	0.00	0.00	Uteland Buttes
6400.00	0.00	319.70	6335.74	499.31	-423.51	654.73	0.00	0.00	0.00	
6500.00	0.00	319.70	6435.74	499.31	-423.51	654.73	0.00	0.00	0.00	
6600.00	0.00	319.70	6535.74	499.31	-423.51	654.73	0.00	0.00	0.00	

CONFIDENTIAL



Ryan Energy Technologies

Planning Report



Company: Dominion E & P
Field: Natural Buttes Field
Site: HCU 7-32F
Well: HCU 7-32F
Wellpath: 1

Date: 4/29/2005 Time: 08:19:24 Page: 5
Co-ordinate(NE) Reference: HCU 7-32F, True North
Vertical (TVD) Reference: est.KB@5290' 0.0
Section (VS) Reference: Site (0.00N,0.00E,319.70Azi)
Plan: Plan #1

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6700.00	0.00	319.70	6635.74	499.31	-423.51	654.73	0.00	0.00	0.00	
6800.00	0.00	319.70	6735.74	499.31	-423.51	654.73	0.00	0.00	0.00	
6900.00	0.00	319.70	6835.74	499.31	-423.51	654.73	0.00	0.00	0.00	
7000.00	0.00	319.70	6935.74	499.31	-423.51	654.73	0.00	0.00	0.00	
7100.00	0.00	319.70	7035.74	499.31	-423.51	654.73	0.00	0.00	0.00	
7200.00	0.00	319.70	7135.74	499.31	-423.51	654.73	0.00	0.00	0.00	
7274.26	0.00	319.70	7210.00	499.31	-423.51	654.73	0.00	0.00	0.00	Mesaverde
7300.00	0.00	319.70	7235.74	499.31	-423.51	654.73	0.00	0.00	0.00	
7400.00	0.00	319.70	7335.74	499.31	-423.51	654.73	0.00	0.00	0.00	
7500.00	0.00	319.70	7435.74	499.31	-423.51	654.73	0.00	0.00	0.00	
7600.00	0.00	319.70	7535.74	499.31	-423.51	654.73	0.00	0.00	0.00	
7700.00	0.00	319.70	7635.74	499.31	-423.51	654.73	0.00	0.00	0.00	
7800.00	0.00	319.70	7735.74	499.31	-423.51	654.73	0.00	0.00	0.00	
7900.00	0.00	319.70	7835.74	499.31	-423.51	654.73	0.00	0.00	0.00	
8000.00	0.00	319.70	7935.74	499.31	-423.51	654.73	0.00	0.00	0.00	
8100.00	0.00	319.70	8035.74	499.31	-423.51	654.73	0.00	0.00	0.00	
8114.26	0.00	319.70	8050.00	499.31	-423.51	654.73	0.00	0.00	0.00	BHL

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude --->			<--- Longitude --->		
KOP		550.00	0.00	0.00	7139167.2821500	1908	39	54	16.590 N	109	40	59.820 W
-Plan hit target												
BHL		8050.00	499.31	-423.51	7139657.8821495	585.52	39	54	21.525 N	109	41	5.255 W
-Plan hit target												

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
3670.17	3610.00	Wasatch Tongue		0.00	0.00
4029.16	3965.00	Uteland Limestone		0.00	0.00
4179.26	4115.00	Wasatch		0.00	0.00
5139.26	5075.00	Chapita Wells		0.00	0.00
6364.26	6300.00	Uteland Buttes		0.00	0.00
7274.26	7210.00	Mesaverde		0.00	0.00

CONFIDENTIAL

SURFACE USE PLAN

CONDITIONS OF APPROVAL

Attachment for Permit to Drill

Name of Operator: Dominion Exploration & Production
Address: 14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134
Well Location: HCU 7-32F
SHL: 2302' FNL & 1046' FEL, Section 32-10S-20E
BHL: 1800' FNL & 1500' FEL, Section 32-10S-20E
Uintah County, UT

The referenced well is located on Federal surface, BLM surface use must be obtained prior to any surface disturbing activities and is being requested through a sundry notice application since all activities will be located within the Hill Creek Federal Unit boundary.

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The Federal onsite inspection for the referenced well was conducted on Wednesday, February 9, 2005 at approximately 12:20 pm. In attendance at the onsite inspection were the following individuals:

Ken Secrest	Foreman	Dominion E & P, Inc.
Brandon Bowthorpe	Surveyor	Uintah Engineering and Land Surveying
Jesse Merkley	Surveyors Helper	Uintah Engineering and Land Surveying
Stan Olmstead	Nat. Res. Prot. Spec.	Bureau of Land Management – Vernal
Don Hamilton	Permitting Agent	Buy's & Associates, Inc.

A state onsite inspection, if required, is pending at this time.

1. Existing Roads:

- a. The proposed well site is located approximately 12.69 miles south of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the Hill Creek Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal Right-of-Way is not anticipated for the access road or utility corridor since both are located within the existing Hill Creek Unit boundary.

2. Planned Access Roads:

- a. From the proposed road that will access the HCU 10-28F an access is proposed trending northwest approximately 0.1 miles to the proposed well site. The access consists of entirely new disturbance and crosses no significant drainages. A road design plan is not anticipated at this time.
- b. The proposed access road will consist of a 14' travel surface within a 30' disturbed area.
- c. BLM approval to construct and utilize the proposed access road is requested with this application.
- d. A maximum grade of 10% will be maintained throughout the project with no cuts and fills required to access the well.
- e. No turnouts are proposed since the access road is only 0.1 miles long and adequate site distance exists in all directions.
- f. No culverts or low water crossings are anticipated. Adequate drainage structures will be incorporated into the road.
- g. No surfacing material will come from federal or Indian lands.
- h. No gates or cattle guards are anticipated at this time.
- i. Surface disturbance and vehicular travel will be limited to the approved location access road.
- j. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- k. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

- a. Following is a list of existing wells within a one mile radius of the proposed well:

i. Water wells	None
ii. Injection wells	None
iii. Disposal wells	None
iv. Drilling wells	None
v. Temp. shut-in wells	1
vi. Producing wells	3
vii. Abandon wells	None

- b. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this location; it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the southeast side of the well site and traverse 3,730' southeast then northeast to the proposed pipeline that will service the HCU 13-28F.
- i. The new gas pipeline will be a 10" steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 3,730' is associated with this well.
- j. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

- a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the southwest side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 12 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
- k. **Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.**
- l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.

- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the southeast.
- c. The pad and road designs are consistent with BLM and SITLA specification
- d. A pre-construction meeting with responsible company representative, contractors, and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface:

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On Ute Tribal and BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- c. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.
- d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be specified within the approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.
- b. Mineral Ownership – State of Utah – under the management of the SITLA -State Office, 675 East 500 South, Suite 500, Salt Lake, City, Utah 84102-2818; 801-538-5100.

12. Other Information:

- a. AIA Archaeological has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Our understanding of the results of the federal onsite inspection are:
 - a. No drainage crossings that require additional State or Federal approval are being crossed.
 - b. A biological review by the BLM in the spring will be necessary to confirm the presence of threatened and endangered flora and fauna species.
 - c. No raptor habitat is known to exist within 1 mile of the proposed wellsite.

13. Operator's Representative and Certification

<u>Title</u>	<u>Name</u>	<u>Office Phone</u>
Company Representative (Roosevelt)	Mitchiel Hall	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-637-4075

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's State and BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature: Don Hamilton Date: 5-9-05

ORIGINAL

DOMINION EXPLR. & PROD., INC.
HCU #7-32F
SECTION 32, T10S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 4.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.45 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING TWO-TRACK ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #10-28F TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY, THEN WESTERLY, THEN NORTHERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 2.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 51.2 MILES.

DOMINION EXPLR. & PROD., INC.

HCU #7-32F

LOCATED IN UINTAH COUNTY, UTAH
SECTION 32, T10S, R20E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

01 25 05
MONTH DAY YEAR

PHOTO

TAKEN BY: G.O.

DRAWN BY: C.P.

REVISED: 00-00-00

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

DOMINION EXPLR. & PROD., INC.

TYPICAL CROSS SECTIONS FOR

HCU #7-32F

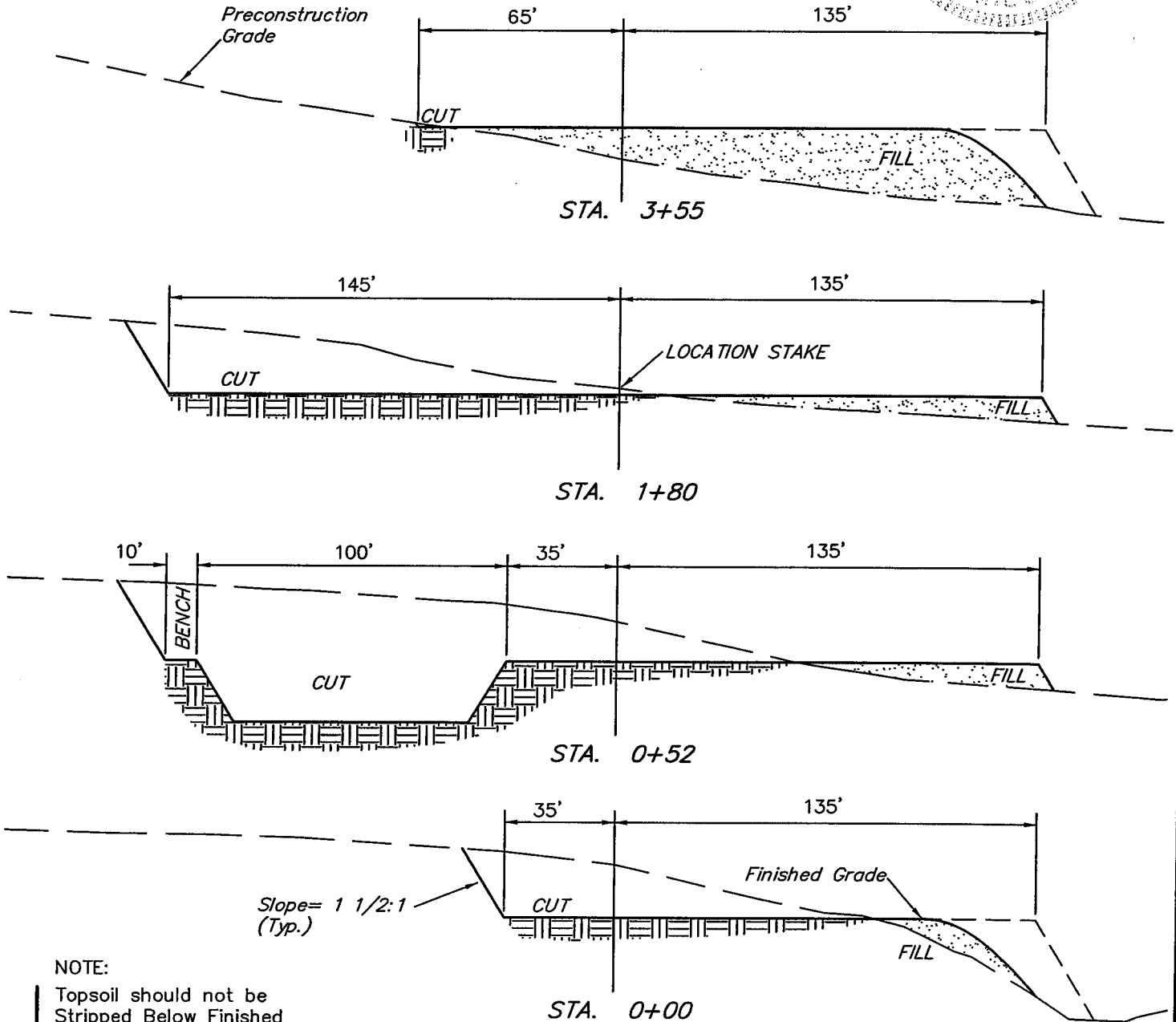
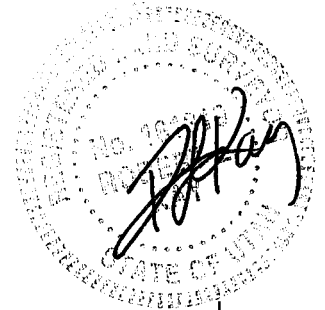
SECTION 32, T10S, R20E, S.L.B.&M.

2302' FNL 1046' FEL

1" = 20'
X-Section
Scale
1" = 50'

DATE: 02-01-05

Drawn By: D.R.B.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 1,850 Cu. Yds.

Remaining Location = 11,170 Cu. Yds.

TOTAL CUT = 13,020 CU.YDS.

FILL = 6,680 CU.YDS.

* NOTE:

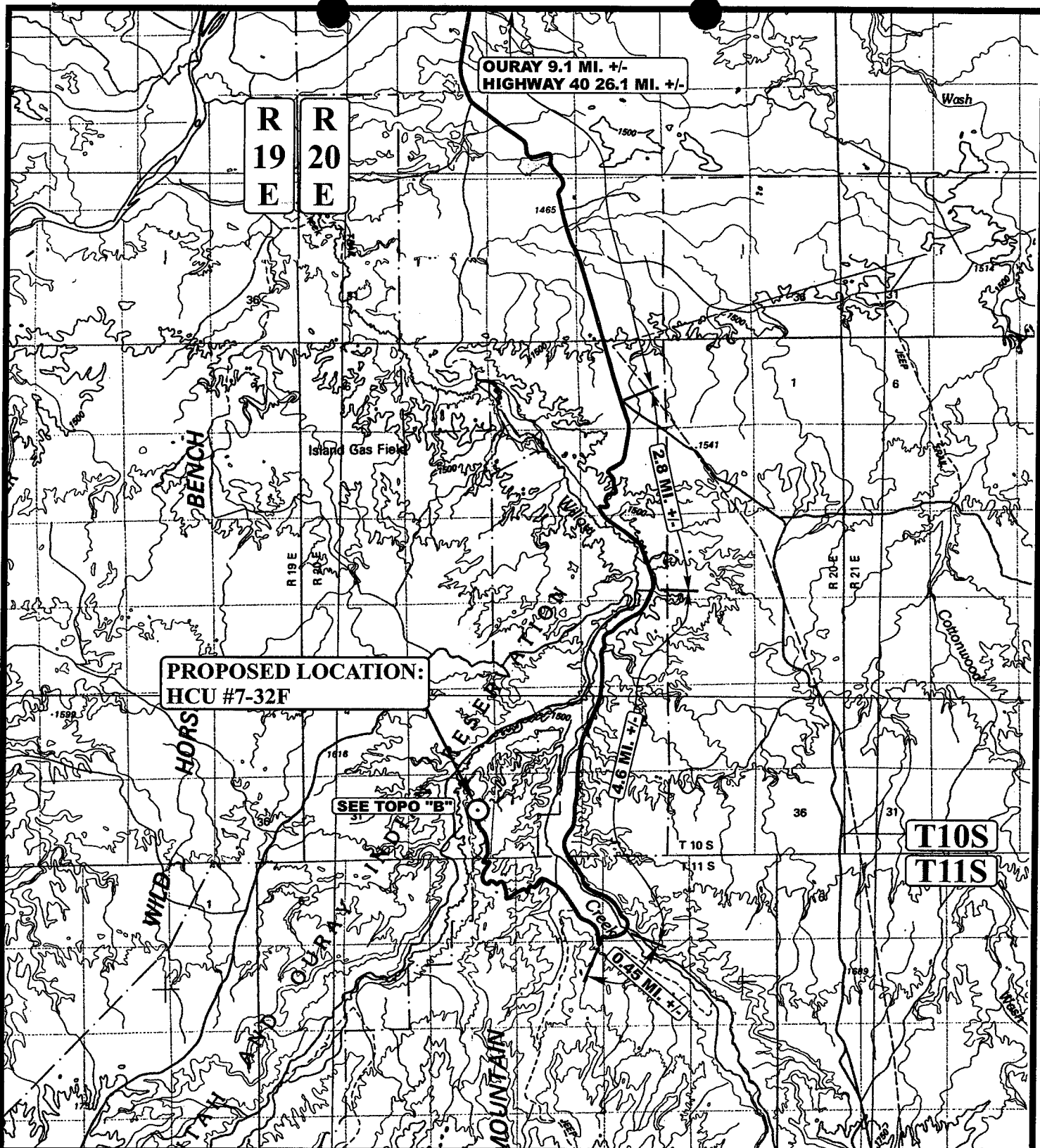
FILL QUANTITY INCLUDES 5% FOR COMPACTION

EXCESS MATERIAL = 6,340 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,410 Cu. Yds.

EXCESS UNBALANCE (After Rehabilitation) = 2,930 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



LEGEND:

○ PROPOSED LOCATION



DOMINION EXPLR. & PROD., INC.

HCU #7-32F

SECTION 32, T10S, R20E, S.L.B.&M.

2302' FNL 1046' FEL



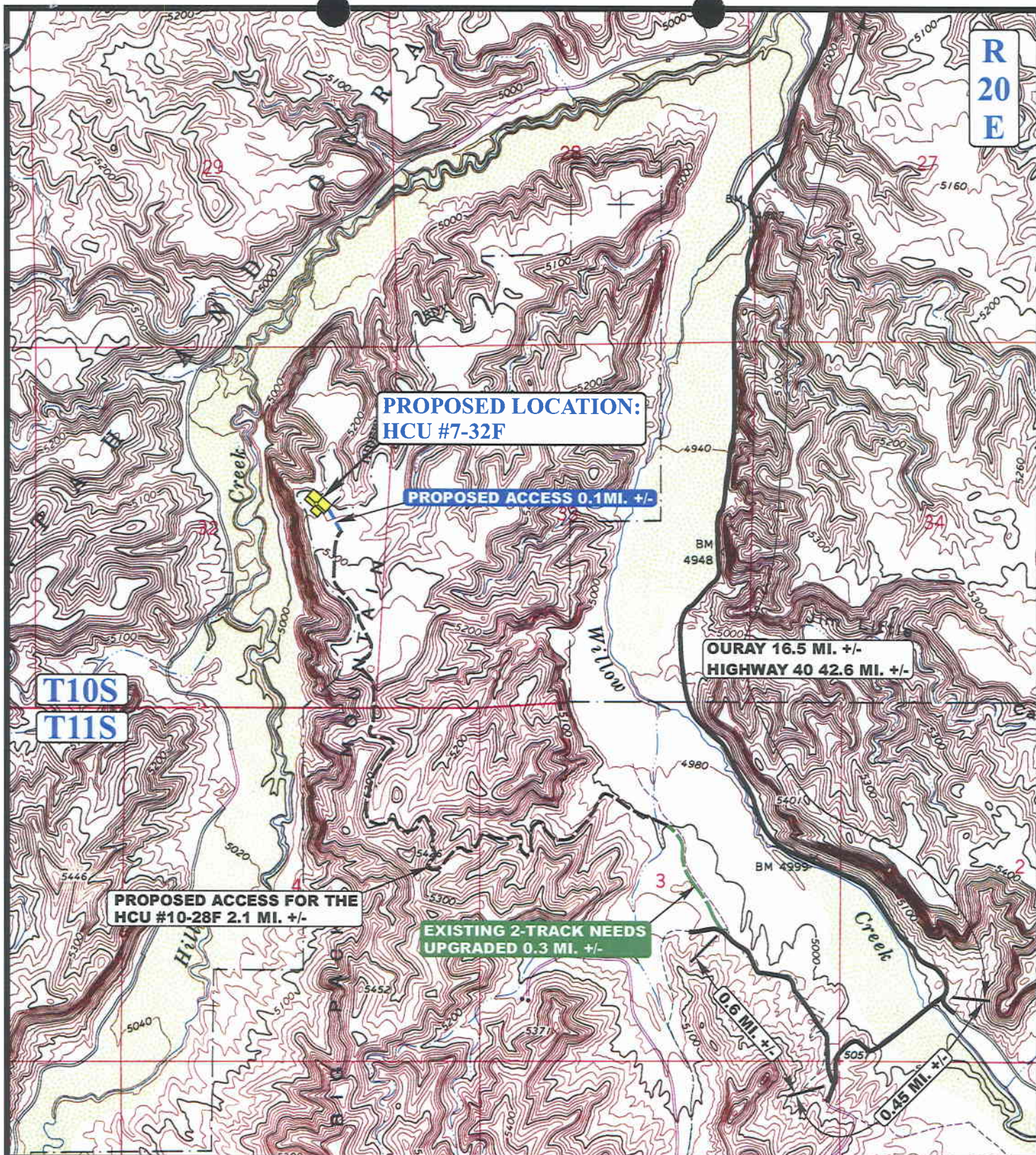
Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

01 25 05
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00





LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- EXISTING 2-TRACK NEEDS UPGRADED

DOMINION EXPLR. & PROD., INC.

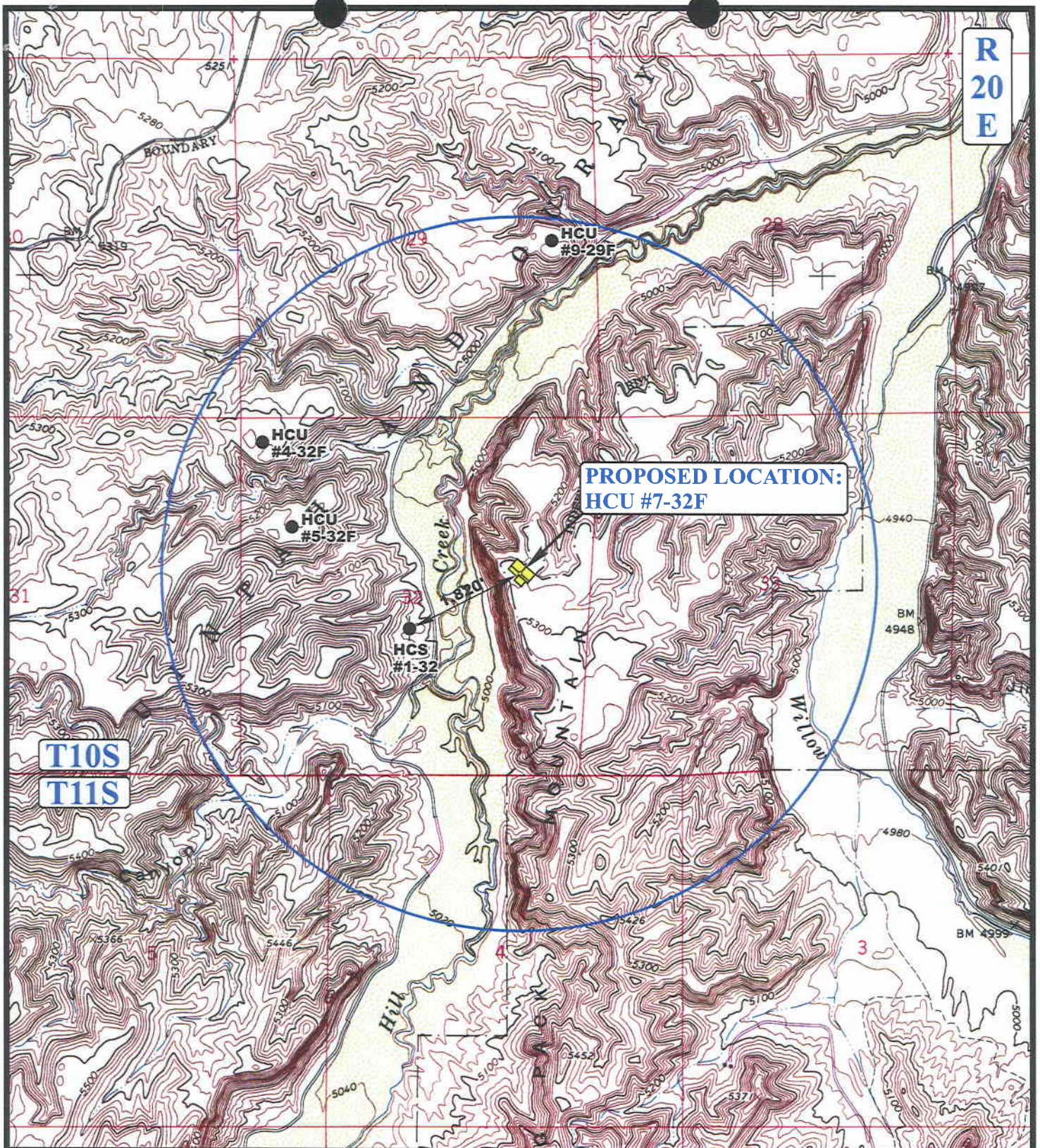
HCU #7-32F
SECTION 32, T10S, R20E, S.L.B.&M.
2302' FNL 1046' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC **01 25 05**
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

DOMINION EXPLR. & PROD., INC.

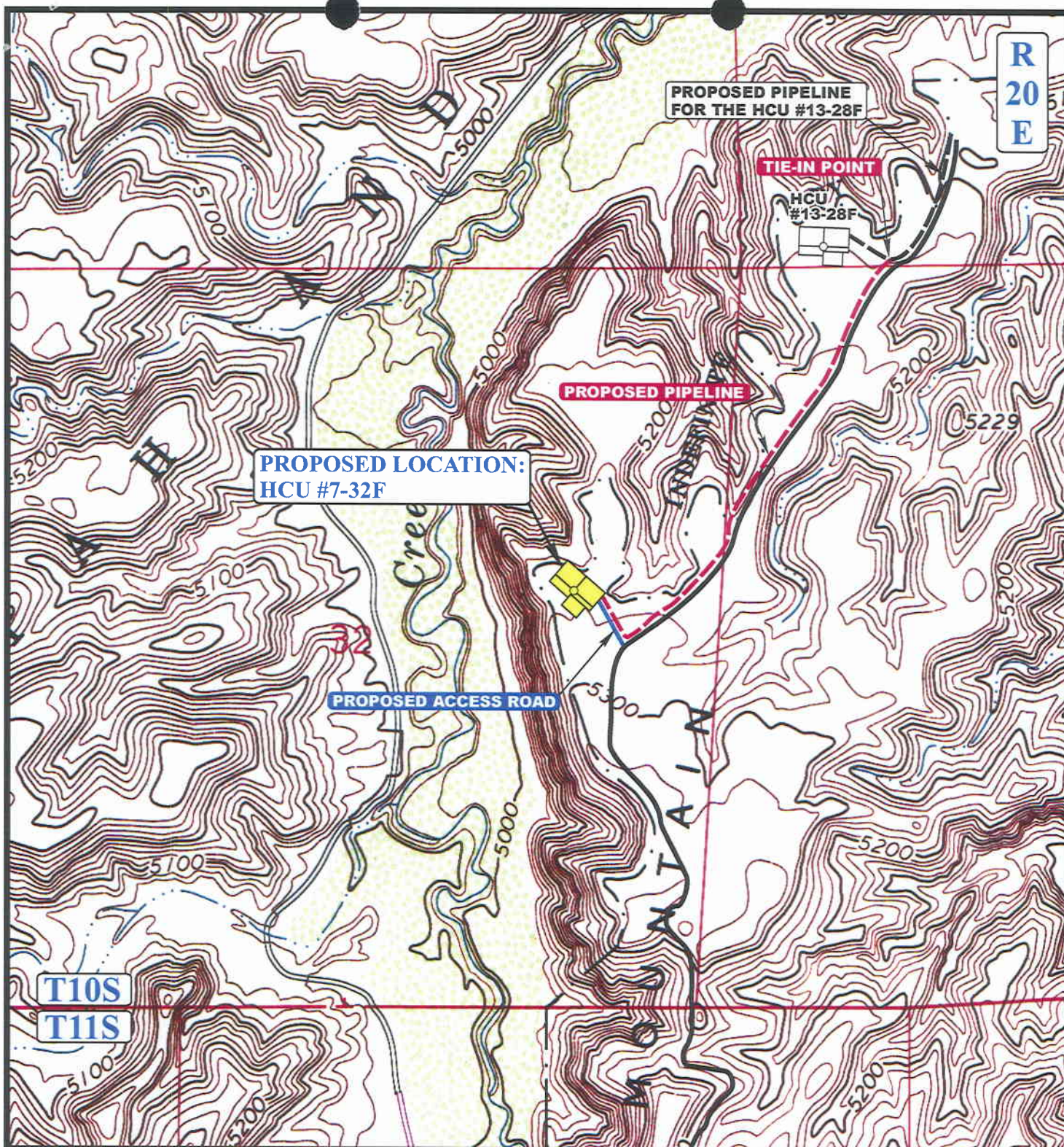
HCU #7-32F
SECTION 32, T10S, R20E, S.L.B.&M.
2302' FNL 1046' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP
01 25 05
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 3,730' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- - - - EXISTING PIPELINE
- - - - PROPOSED PIPELINE

DOMINION EXPLR. & PROD., INC.

HCU #7-32F

SECTION 32, T10S, R20E, S.L.B.&M.

2302' FNL 1046' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



**TOPOGRAPHIC
MAP**

01	25	05
MONTH	DAY	YEAR

SCALE: 1" = 1000'

DRAWN BY: C.P.

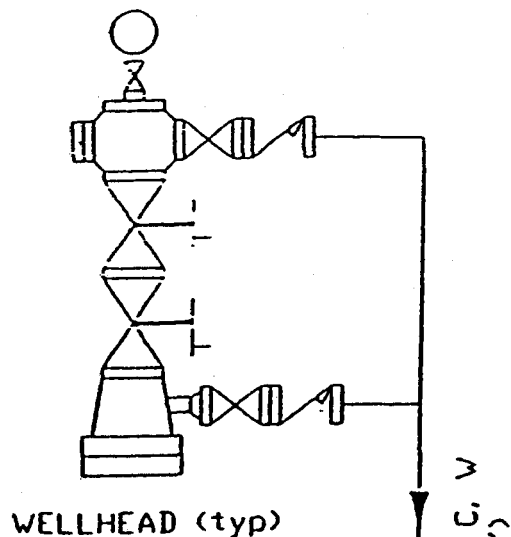
REVISED: 00-00-00

**D
TOPO**

CONFIDENTIAL

LEGEND

O = Oil Line
 G = Gas Line
 W = Water Line
 R = Relief Line (Pressure)
 C = Condensate Line
 V = Vent Line
 D = Drain Line
 M = Gas Meter
 P = Pump
 BP = Back Pressure Valve
 SWS = Sealed When Shipping
 SUS = Sealed Unless Shipping
 T = Heat Traced Line
 H = Heater
 BL = Buried Line
 X = Valve
 / = Check Valve
 SC = Sealed Closed Valve
 NC = Normally Closed
 BD = Blowdown Line



BL, G, C, V
(± 100')

BD, BL

PIT
30' x 30'
(typ)

W, BL

SEP

±100'

Relief

300 bbl Tank
(condensate)

BL, C

SC

SUS

GLYCOL
REBOILER
&
CONTACT
TOWER

GAS SALES LINE

The site security plan is on file in DEPI's district office located at 1400 N. State St., Roosevelt, Utah. It can be inspected during office hours, from 6:30 AM thru 3:30 PM, Monday thru Friday..

DOMINION EXPLORATION & PRODUCTION, INC.

l:

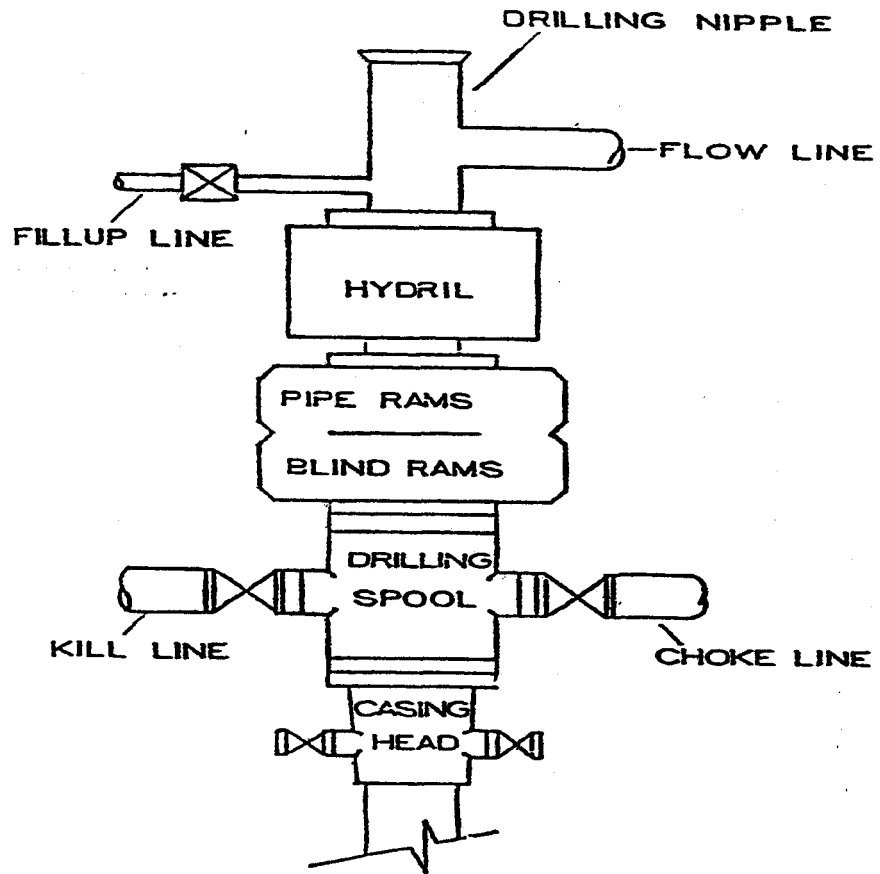
not to scale

FLOWSEP

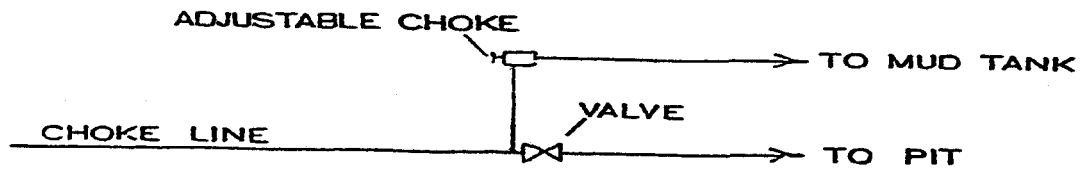
TYPICAL FLOW DIAGRAM

date: / /

BOP STACK



CHOKE MANIFOLD



005

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/11/2005

API NO. ASSIGNED: 43-047-36684

WELL NAME: HCU 7-32F

OPERATOR: DOMINION EXPL & PROD (N1095)

CONTACT: DON HAMILTON

PHONE NUMBER: 435-650-1886

PROPOSED LOCATION:

SENE 32 100S 200E

SWNE SURFACE: 2302 FNL 1046 FEL
 BOTTOM: 1800 FNL 1500 FEL

UINTAH

NATURAL BUTTES (630)

LEASE TYPE: 3 - State

LEASE NUMBER: ML-22313-2

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DRO	5/26/05
Geology		
Surface		

LATITUDE: 39.90460

LONGITUDE: -109.6826

RECEIVED AND/OR REVIEWED:

- ☒ Plat
☒ Bond: Fed[] Ind[] Sta[] Fee[]
 (No. 76563050600)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
 (No. 43-10447)
☒ RDCC Review (Y/N)
 (Date: _____)
☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

R649-2-3.

Unit HILL CREEK

R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

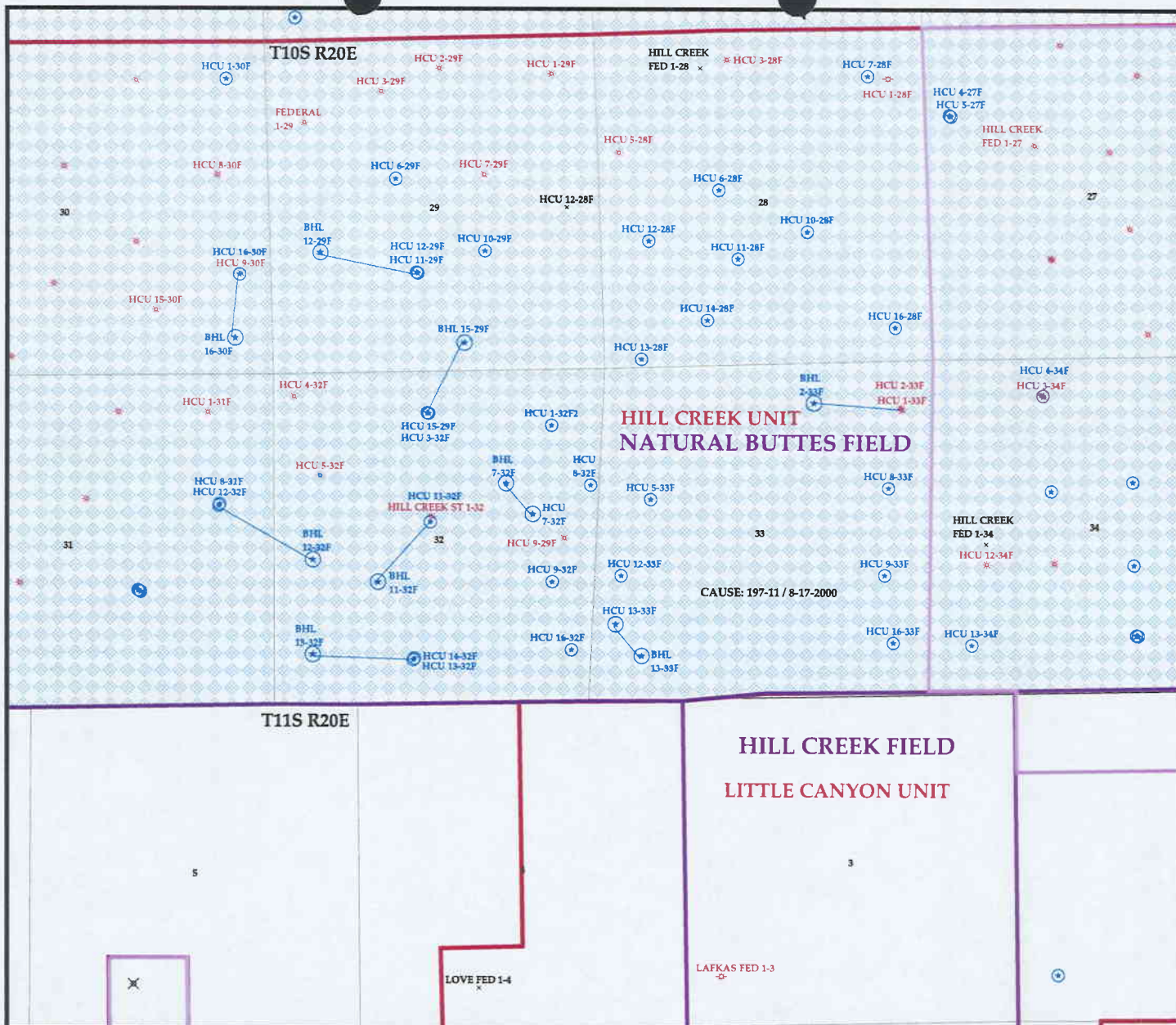
R649-3-3. Exception

☒ Drilling UnitBoard Cause No: 197-11Eff Date: 8-17-2000Siting: Suspends General Siting☒ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

1- Federal Approval
 2- Oil Shale
 3- STATEMENT OF BASIS



OPERATOR: DOMINION EXPL & PROD (N1095)

SEC: 32 & 33 T. 10S R. 20E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 197-11 / 8-17-2000

Wells

- ✱ GAS INJECTION
- ✱ GAS STORAGE
- ✱ LOCATION ABANDONED
- ⊕ NEW LOCATION
- ✱ PLUGGED & ABANDONED
- ✱ PRODUCING GAS
- PRODUCING OIL
- ✱ SHUT-IN GAS
- ✱ SHUT-IN OIL
- ✱ TEMP. ABANDONED
- TEST WELL
- ▲ WATER INJECTION
- WATER SUPPLY
- ▲ WATER DISPOSAL

Units.shp

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields.shp

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



PREPARED BY: DIANA WHITNEY
DATE: 11-MAY-2005

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

May 17, 2005

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2005 Plan of Development Hill Creek Unit
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Hill Creek Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ MesaVerde)

43-047-36685	HCU 13-33F	Sec 33 T10S R20E 1214 FSL 0356 FWL
	BHL	Sec 33 T10S R20E 0700 FSL 0800 FWL
43-047-36684	HCU 7-32F	Sec 32 T10S R20E 2302 FNL 1046 FEL
	BHL	Sec 32 T10S R20E 1800 FNL 1500 FEL

This office has no objections to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Hill Creek Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:5-17-05

Well name:
Operator: **Dominion E & P**
String type: **Surface**
Location: **Uintah Co.**

05-05 Dominion HCU 7-32F

Project ID:
43-047-36684

Design parameters:

Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 72 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 185 ft

Cement top: 100 ft

Burst

Max anticipated surface pressure: -60 psi
Internal gradient: 0.556 psi/ft
Calculated BHP 218 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 438 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 2,800 ft
Next mud weight: 8.600 ppg
Next setting BHP: 1,251 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 500 ft
Injection pressure 500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	500	13.375	48.00	H-40	ST&C	500	500	12.59	46.9
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	218	740	3.392	218	1730	7.93	24	322	13.42 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Phone: 810-538-5280

Date: May 19, 2005
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 500 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:
 Operator: **Dominion E & P**
 String type: Intermediate
 Location: Uintah Co.

05-05 Dominion HCU 7-32F

Project ID:
 43-047-36684

Design parameters:

Collapse

Mud weight: 9.500 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 104 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 500 ft

Cement top: 3 ft

Burst

Max anticipated surface pressure: 2,464 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 2,795 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Tension is based on air weight.
 Neutral point: 2,404 ft

Directional well information:

Kick-off point 0 ft
 Departure at shoe: 422 ft
 Maximum dogleg: 3.5 °/100ft
 Inclination at shoe: 11.7 °

Re subsequent strings:

Next setting depth: 8,115 ft
 Next mud weight: 8.600 ppg
 Next setting BHP: 3,625 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 2,800 ft
 Injection pressure 2,800 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2800	9.625	36.00	J-55	LT&C	2758	2800	8.796	199.4
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1361	2020	1.484	2795	3520	1.26	99	453	4.56 J

Prepared by: Clinton Dworshak
 Utah Div. of Oil & Mining

Phone: 810-538-5280

Date: May 19, 2005
 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 2758 ft, a mud weight of 9.5 ppg The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

Well name:
Operator: **Dominion E & P**
String type: **Production**
Location: **Uintah Co.**

05-05 Dominion HCU 7-32F

Project ID:
43-047-36684

Design parameters:

Collapse

Mud weight: 8.600 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 178 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 368 ft

Cement top: 3,400 ft

Burst

Max anticipated surface pressure: -878 psi
Internal gradient: 0.556 psi/ft
Calculated BHP 3,596 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Directional well information:

Kick-off point 0 ft
Departure at shoe: 655 ft
Maximum dogleg: 3.5 °/100ft
Inclination at shoe: 0 °

Tension is based on air weight.
Neutral point: 7,064 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	8114	5.5	17.00	Mav-80	LT&C	8050	8114	4.767	279.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3596	6290	1.749	3596	7740	2.15	137	273	1.99 B

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Phone: 810-538-5280

Date: May 19,2005
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 8050 ft, a mud weight of 8.6 ppg The casing is considered to be evacuated for collapse purposes.

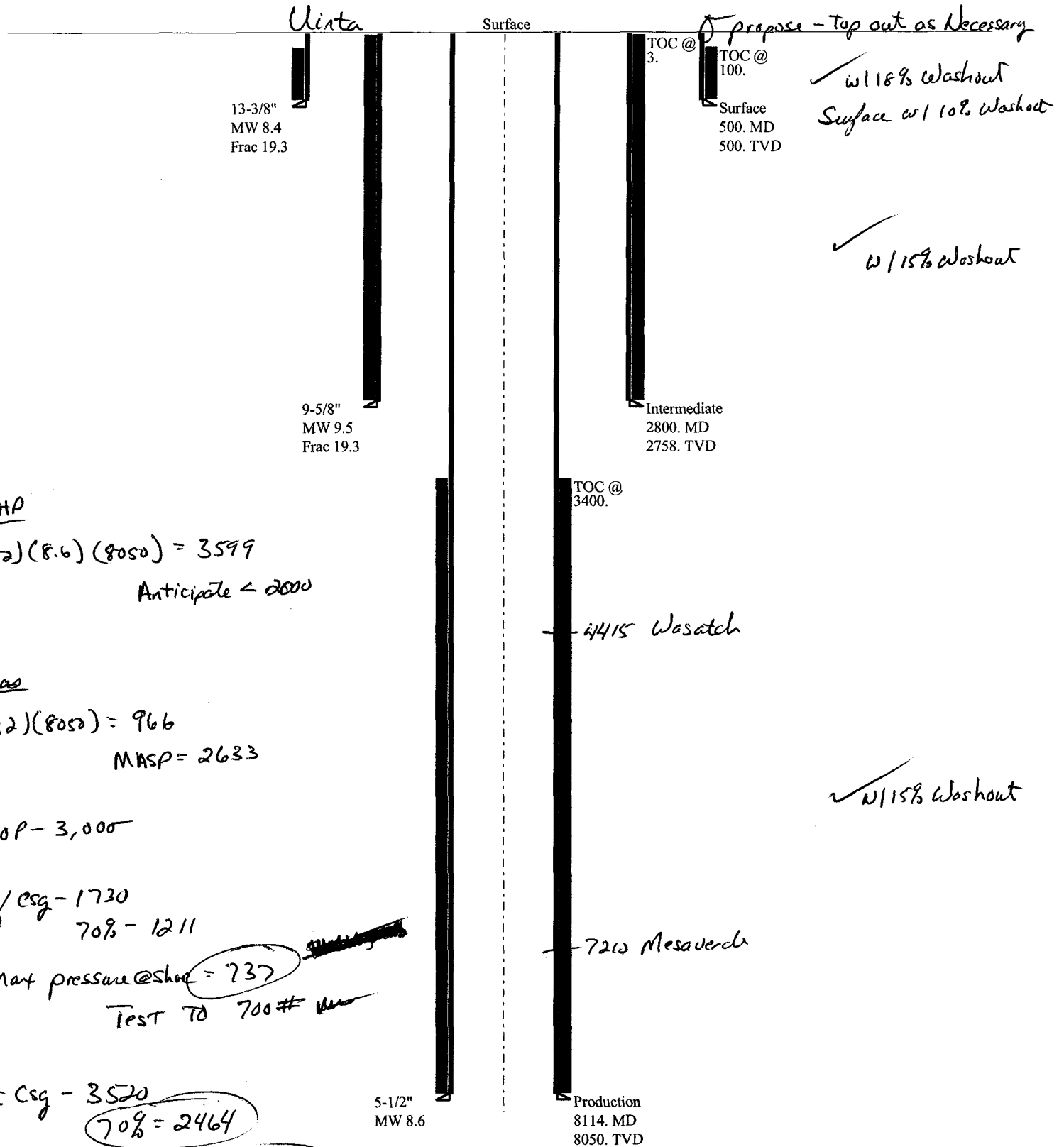
Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

05-05 Dominion HCU 7-3

Casing Schematic



BHP

$$(0.052)(8.6)(8050) = 3599$$

Anticipate < 2000

Gas

$$(0.12)(8050) = 966$$

$$MASP = 2633$$

BOP - 3,000

Surf csg - 1730

70% - 1211

Max pressure @ shoe = 737

Test TO 700#

Int csg - 3520

$$70\% = 2464$$

Max pressure @ shoe = 2435

Test TO 2400# ✓

**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

OPERATOR: Dominion Exploration & Production.
WELL NAME & NUMBER: HCU 7-32F
API NUMBER: 43-047-36684
LOCATION: 1/4, 1/4 SENE Sec: 32 TWP: 10S RNG: 20 E 2302 FNL 1046 FEL
BHL: 1800 FNL 1500 FEL

Geology/Ground Water:

Dominion proposes to set 500 feet of surface casing and 2,800 feet of intermediate casing both cemented to the surface. The base of the moderately saline water is estimated at 5,000 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location. The surface formation at this location is the Uinta Formation. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The proposed surface casing should adequately protect any near surface aquifers.

Reviewer: Brad Hill **Date:** 05-26-2005

Surface:

The BLM is the administrative agency over the ground surface at this location. The operator is responsible for obtaining any needed permits or rights of way before causing any surface disturbance.

Reviewer: Brad Hill **Date:** 05-26-2005

Conditions of Approval/Application for Permit to Drill:

None.

**State of Utah****Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

May 26, 2005

Dominion Exploration & Production, Inc.
14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134

Re: Hill Creek Unit 7-32F Well, 2302' FNL, 1046' FEL, SE NE, Sec. 32,
T. 10 South, R. 20 East, Bottom Location 1800' FNL, 1500' FEL, SW NE,
Sec. 32, T. 10 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36684.

Sincerely,

A handwritten signature in black ink that reads "Michael Herbertson".

For

Gil Hunt
Acting Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA
Bureau of Land Management, Vernal District Office

Page 2
API #43-047-36684
May 26, 2005

6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
7. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
8. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Operator: Dominion Exploration & Production, Inc.
Well Name & Number Hill Creek Unit 7-32F
API Number: 43-047-36684
Lease: ML-22313-2

Location: SE NE Sec. 32 T. 10 South R. 20 East
Bottom Location: SW NE Sec. 32 T. 10 South R. 20 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Utah Admin. R. 649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

5. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER _____

2. NAME OF OPERATOR:
Dominion Exploration & Production, Inc.

3. ADDRESS OF OPERATOR:
14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134

PHONE NUMBER:
(405) 749-1300

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2302' FNL & 1046' FEL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 32 10S 20E

STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-22313-2

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
Hill Creek Unit

8. WELL NAME and NUMBER:
HCU 7-32F

9. API NUMBER:
43-047-36684

10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: APD Expiration
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The state APD for this well expires May 26, 2006. Dominion is hereby requesting a one year extension.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 04-27-06
By: [Signature]

NAME (PLEASE PRINT) Carla Christian

TITLE Sr. Regulatory Specialist

SIGNATURE

[Signature]

DATE 4/21/2006

(This space for State use only)

RECEIVED
APR 24 2006

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-36684
Well Name: HCU 7-32F
Location: Section ~~28~~³²-10S-20E, 2302' FNL & 1046' FEL
Company Permit Issued to: Dominion Exploration & Production, Inc.
Date Original Permit Issued: 5/26/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Carla Christian
Signature

4/21/2006
Date

Title: Sr. Regulatory Specialist

Representing: Dominion Exploration & Production, Inc.

RECEIVED
APR 24 2006
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: DOMINION EXPL & PROD INC

Well Name: HCU 7-32F

Api No: 43-047-36684 Lease Type: STATE

Section 32 Township 10S Range 20E County UINTAH

Drilling Contractor BILL JR'S RIG # 6

SPUDDED:

Date 08/22/06

Time 10:00 PM

How DRY

Drilling will Commence: _____

Reported by PAT WISENER

Telephone # (435) 828-1455

Date 08/23/06 Signed CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Dominion Exploration & Production, Inc. Operator Account Number: N 1095
Address: 14000 Quail Springs Parkway, Suite 600
city Oklahoma City
state Ok zip 73134 Phone Number: (405) 749-1300

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-36684	HCU 7-32F		SENE	32	10S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	13829	8/22/2006			8/30/06	
Comments: <u>MVRD = WSMVD</u>							CONFIDENTIAL

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Carla Christian

Name (Please Print)

Carla Christian

Signature

Sr. Regulatory Specialist

8/24/2006

Title

Date

AUG 28 2006

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22313-2
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134		7. UNIT or CA AGREEMENT NAME: Hill Creek Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2302' FNL & 1046' FEL		8. WELL NAME and NUMBER: HCU 7-32F
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 32 10S 20E		9. API NUMBER: 43-047-36684
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT:
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Spud well	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Spud well 8/23/06. 8/23/06 ran 12 jts. 13 3/8", H-40, 48# ST&C csg., set @ 523'. Cemented w/500 sks Class "G", 15.8 ppg, 1.18 yld., good returns, 5 bbls cmt. to pit.

NAME (PLEASE PRINT) Carla Christian	TITLE Sr. Regulatory Specialist
SIGNATURE <i>Carla Christian</i>	DATE 8/31/2006

(This space for State use only)

RECEIVED

SEP 05 2006

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ~~CONFIDENTIAL~~

2. NAME OF OPERATOR:
Dominion Exploration & Production, Inc.

3. ADDRESS OF OPERATOR:
14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134

PHONE NUMBER:
(405) 749-1300

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2302' FNL & 1046' FEL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 32 10S 20E

STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-22313-2

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
Hill Creek Unit

8. WELL NAME and NUMBER:
HCU 7-32F

9. API NUMBER:
43-047-36684

10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change of Plans</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Dominion Would like to change the directional drilling plan. The setting of the intermediate casing will now be set at 3,000'. See attached new plans.

COPY SENT TO OPERATOR
DATE: 9-8-06
INITIALS: CHD

NAME (PLEASE PRINT) Carla Christian

TITLE Sr. Regulatory Specialist

SIGNATURE Carla Christian

DATE 8/9/2006

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 8/25/06
BY: Dan De (See Instructions on Reverse Side)

RECEIVED
AUG 14 2006

DIV. OF OIL, GAS & MINING



Dominion™

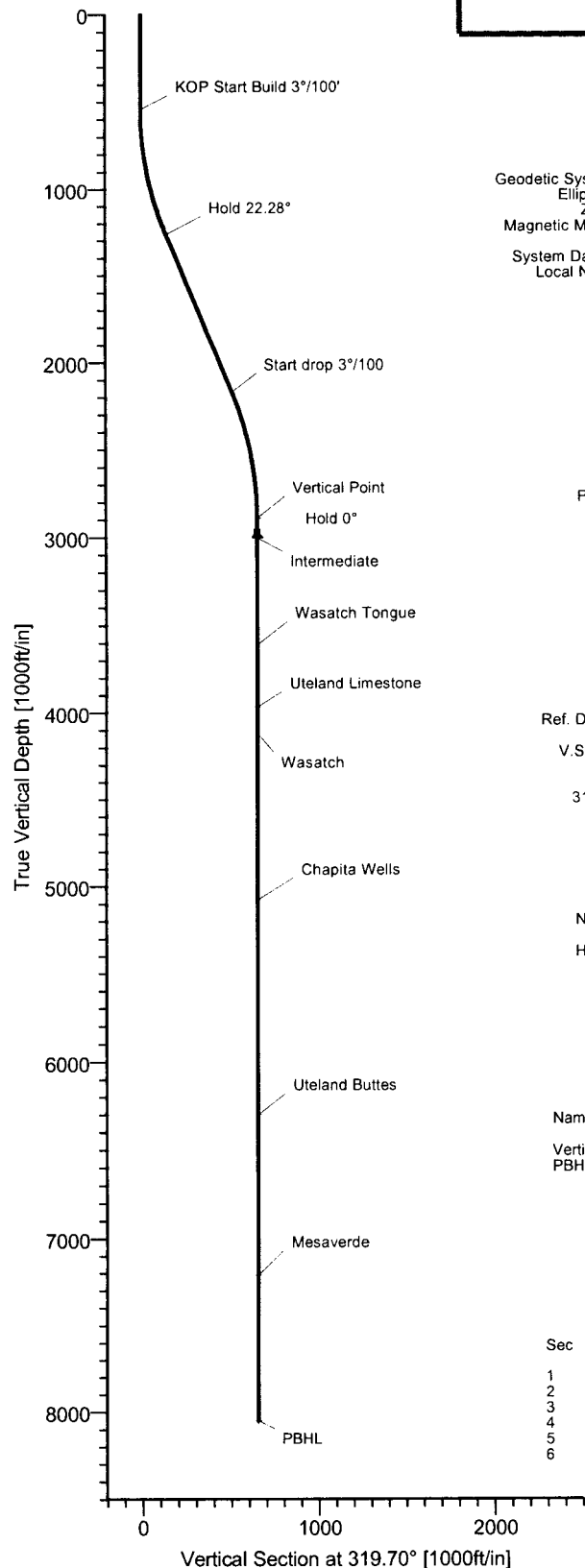
Dominion Exploration & Production

Field: Uintah County, Utah
Site: HCU # 7-32F
Well: HCU 7-32F
Wellpath: Original Hole
Plan: Plan #1



Azimuths to True North
Magnetic North: 11.76°

Magnetic Field
Strength: 52794nT
Dip Angle: 65.88°
Date: 8/3/2006
Model: igrf2005



FIELD DETAILS

Uintah County, Utah
Utah - Natural Buttes
USA

Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: Utah, Central Zone
Magnetic Model: igrf2005

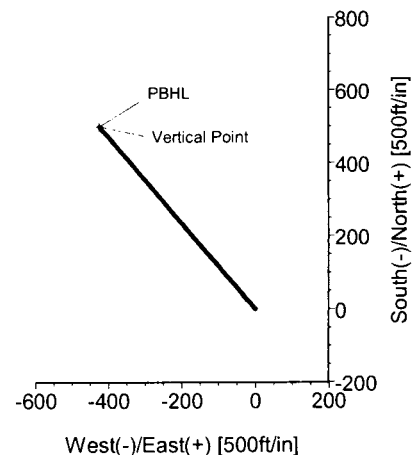
System Datum: Mean Sea Level
Local North: True North

SITE DETAILS

HCU # 7-32F
Sec.32, 10S, 20E
Site Centre Latitude: 39°54'16.590N
Longitude: 109°40'59.820W
Ground Level: 5271.00
Positional Uncertainty: 0.00
Convergence: 1.16

WELLPATH DETAILS

Original Hole
Rig: Patterson 12
Ref. Datum: Est RKB 5290.00ft
V. Section Angle: 319.70°
Origin +N/-S: 0.00
Origin +E/-W: 0.00
Starting From TVD: 0.00



WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
HCU 7-32F	0.00	0.00	7139167.28	2150019.08	39°54'16.590N	109°40'59.820W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Vertical Point	2890.00	499.31	-423.51	Point
PBHL	8050.00	499.31	-423.51	Point

FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	3610.00	3719.93	Wasatch Tongue
2	3965.00	4074.93	Uteland Limestone
3	4115.00	4224.93	Wasatch
4	5075.00	5184.93	Chapita Wells
5	6300.00	6409.93	Uteland Buttes
6	7210.00	7319.93	Mesaverde

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	319.70	0.00	0.00	0.00	0.00	0.00	0.00	
2	540.00	0.00	319.70	540.00	0.00	0.00	0.00	319.70	0.00	
3	1282.67	22.28	319.70	1264.09	108.74	-92.23	3.00	319.70	142.59	
4	2257.57	22.28	319.70	2166.21	390.62	-331.32	0.00	0.00	512.20	
5	2999.93	0.00	319.70	2890.00	499.31	-423.51	3.00	180.00	654.73	Vertical Point
6	8159.93	0.00	319.70	8050.00	499.31	-423.51	0.00	319.70	654.73	PBHL



Ryan Energy Technologies Planning Report



Company: Dominion Exploration & Product
Field: Uintah County, Utah
Site: HCU # 7-32F
Well: HCU 7-32F
Wellpath: Original Hole

Date: 8/3/2006 Time: 16:18:11
Co-ordinate(NE) Reference: Well: HCU 7-32F, True North
Vertical (TVD) Reference: Est RKB 5290.0
Section (VS) Reference: Well (0.00N,0.00E,319.70Azi)
Plan: Plan #1

Page: 1

Field: Uintah County, Utah
Utah - Natural Buttes
USA

Map System: US State Plane Coordinate System 1983
Geo Datum: GRS 1980
Sys Datum: Mean Sea Level

Map Zone: Utah, Central Zone
Coordinate System: Well Centre
Geomagnetic Model: igrf2005

Site: HCU # 7-32F

Sec.32, 10S, 20E

Site Position: Northing: 7139167.28 ft Latitude: 39 54 16.590 N
From: Geographic Easting: 2150019.08 ft Longitude: 109 40 59.820 W
Position Uncertainty: 0.00 ft North Reference: True
Ground Level: 5271.00 ft Grid Convergence: 1.16 deg

Well: HCU 7-32F

Slot Name:

Well Position: +N/-S 0.00 ft Northing: 7139167.28 ft Latitude: 39 54 16.590 N
+E/-W 0.00 ft Easting: 2150019.08 ft Longitude: 109 40 59.820 W
Position Uncertainty: 0.00 ft

Wellpath: Original Hole

Drilled From: Surface
Tie-on Depth: 0.00 ft
Above System Datum: Mean Sea Level
Declination: 11.76 deg
Mag Dip Angle: 65.88 deg
+E/-W Direction
ft deg

Current Datum: Est RKB Height 5290.00 ft
Magnetic Data: 8/3/2006
Field Strength: 52794 nT
Vertical Section: Depth From (TVD) +N/-S
ft ft

0.00 0.00 0.00 319.70

Plan: Plan #1

Date Composed: 6/15/2006
Version: 1
Tied-to: From Surface

Principal: Yes

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	319.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
540.00	0.00	319.70	540.00	0.00	0.00	0.00	0.00	0.00	319.70	
1282.67	22.28	319.70	1264.09	108.74	-92.23	3.00	3.00	0.00	319.70	
2257.57	22.28	319.70	2166.21	390.62	-331.32	0.00	0.00	0.00	0.00	
2999.93	0.00	319.70	2890.00	499.31	-423.51	3.00	-3.00	0.00	180.00	Vertical Point
8159.93	0.00	319.70	8050.00	499.31	-423.51	0.00	0.00	0.00	319.70	PBHL

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
540.00	0.00	319.70	540.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP Start Build 3°/100'
600.00	1.80	319.70	599.99	0.72	-0.61	0.94	3.00	3.00	0.00	
700.00	4.80	319.70	699.81	5.11	-4.33	6.70	3.00	3.00	0.00	
800.00	7.80	319.70	799.20	13.48	-11.43	17.67	3.00	3.00	0.00	
900.00	10.80	319.70	897.87	25.80	-21.88	33.83	3.00	3.00	0.00	
1000.00	13.80	319.70	995.57	42.04	-35.66	55.13	3.00	3.00	0.00	
1100.00	16.80	319.70	1092.01	62.16	-52.73	81.51	3.00	3.00	0.00	
1200.00	19.80	319.70	1186.94	86.11	-73.03	112.91	3.00	3.00	0.00	
1282.67	22.28	319.70	1264.09	108.74	-92.23	142.59	3.00	3.00	0.00	Hold 22.28°
1300.00	22.28	319.70	1280.13	113.75	-96.48	149.16	0.00	0.00	0.00	
1400.00	22.28	319.70	1372.66	142.66	-121.01	187.07	0.00	0.00	0.00	
1500.00	22.28	319.70	1465.20	171.58	-145.53	224.98	0.00	0.00	0.00	
1600.00	22.28	319.70	1557.73	200.49	-170.05	262.90	0.00	0.00	0.00	
1700.00	22.28	319.70	1650.27	229.40	-194.58	300.81	0.00	0.00	0.00	
1800.00	22.28	319.70	1742.80	258.32	-219.10	338.72	0.00	0.00	0.00	

CONFIDENTIAL



Ryan Energy Technologied Planning Report



Company: Dominion Exploration & Product
Field: Uintah County, Utah
Site: HCU # 7-32F
Well: HCU 7-32F
Wellpath: Original Hole

Date: 8/3/2006 **Time:** 16:18:11
Co-ordinate(NE) Reference: Well: HCU 7-32F, True North
Vertical (TVD) Reference: Est RKB 5290.0
Section (VS) Reference: Well (0.00N,0.00E,319.70Azi)
Plan: Plan #1

Page: 2

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1900.00	22.28	319.70	1835.34	287.23	-243.63	376.64	0.00	0.00	0.00	
2000.00	22.28	319.70	1927.87	316.14	-268.15	414.55	0.00	0.00	0.00	
2100.00	22.28	319.70	2020.40	345.06	-292.67	452.46	0.00	0.00	0.00	
2200.00	22.28	319.70	2112.94	373.97	-317.20	490.38	0.00	0.00	0.00	
2257.57	22.28	319.70	2166.21	390.62	-331.32	512.20	0.00	0.00	0.00	Start drop 3°/100
2300.00	21.01	319.70	2205.65	402.55	-341.44	527.85	3.00	-3.00	0.00	
2400.00	18.01	319.70	2299.90	428.01	-363.04	561.24	3.00	-3.00	0.00	
2500.00	15.00	319.70	2395.77	449.68	-381.41	589.65	3.00	-3.00	0.00	
2600.00	12.00	319.70	2492.99	467.48	-396.51	612.99	3.00	-3.00	0.00	
2700.00	9.00	319.70	2591.30	481.38	-408.30	631.22	3.00	-3.00	0.00	
2800.00	6.00	319.70	2690.44	491.33	-416.74	644.27	3.00	-3.00	0.00	
2900.00	3.00	319.70	2790.12	497.32	-421.82	652.12	3.00	-3.00	0.00	Vertical Point
2999.93	0.00	319.70	2890.00	499.31	-423.51	654.73	3.00	-3.00	0.00	
3100.00	0.00	319.70	2990.07	499.31	-423.51	654.73	0.00	0.00	0.00	Intermediate
3109.93	0.00	319.70	3000.00	499.31	-423.51	654.73	0.00	0.00	0.00	
3200.00	0.00	319.70	3090.07	499.31	-423.51	654.73	0.00	0.00	0.00	
3300.00	0.00	319.70	3190.07	499.31	-423.51	654.73	0.00	0.00	0.00	
3400.00	0.00	319.70	3290.07	499.31	-423.51	654.73	0.00	0.00	0.00	
3500.00	0.00	319.70	3390.07	499.31	-423.51	654.73	0.00	0.00	0.00	
3600.00	0.00	319.70	3490.07	499.31	-423.51	654.73	0.00	0.00	0.00	
3700.00	0.00	319.70	3590.07	499.31	-423.51	654.73	0.00	0.00	0.00	
3719.93	0.00	319.70	3610.00	499.31	-423.51	654.73	0.00	0.00	0.00	Wasatch Tongue
3800.00	0.00	319.70	3690.07	499.31	-423.51	654.73	0.00	0.00	0.00	
3900.00	0.00	319.70	3790.07	499.31	-423.51	654.73	0.00	0.00	0.00	
4000.00	0.00	319.70	3890.07	499.31	-423.51	654.73	0.00	0.00	0.00	
4074.93	0.00	319.70	3965.00	499.31	-423.51	654.73	0.00	0.00	0.00	Uteland Limestone
4100.00	0.00	319.70	3990.07	499.31	-423.51	654.73	0.00	0.00	0.00	
4200.00	0.00	319.70	4090.07	499.31	-423.51	654.73	0.00	0.00	0.00	
4224.93	0.00	319.70	4115.00	499.31	-423.51	654.73	0.00	0.00	0.00	Wasatch
4300.00	0.00	319.70	4190.07	499.31	-423.51	654.73	0.00	0.00	0.00	
4400.00	0.00	319.70	4290.07	499.31	-423.51	654.73	0.00	0.00	0.00	
4500.00	0.00	319.70	4390.07	499.31	-423.51	654.73	0.00	0.00	0.00	
4600.00	0.00	319.70	4490.07	499.31	-423.51	654.73	0.00	0.00	0.00	
4700.00	0.00	319.70	4590.07	499.31	-423.51	654.73	0.00	0.00	0.00	
4800.00	0.00	319.70	4690.07	499.31	-423.51	654.73	0.00	0.00	0.00	
4900.00	0.00	319.70	4790.07	499.31	-423.51	654.73	0.00	0.00	0.00	
5000.00	0.00	319.70	4890.07	499.31	-423.51	654.73	0.00	0.00	0.00	
5100.00	0.00	319.70	4990.07	499.31	-423.51	654.73	0.00	0.00	0.00	
5184.93	0.00	319.70	5075.00	499.31	-423.51	654.73	0.00	0.00	0.00	Chapita Wells
5200.00	0.00	319.70	5090.07	499.31	-423.51	654.73	0.00	0.00	0.00	
5300.00	0.00	319.70	5190.07	499.31	-423.51	654.73	0.00	0.00	0.00	
5400.00	0.00	319.70	5290.07	499.31	-423.51	654.73	0.00	0.00	0.00	
5500.00	0.00	319.70	5390.07	499.31	-423.51	654.73	0.00	0.00	0.00	
5600.00	0.00	319.70	5490.07	499.31	-423.51	654.73	0.00	0.00	0.00	
5700.00	0.00	319.70	5590.07	499.31	-423.51	654.73	0.00	0.00	0.00	
5800.00	0.00	319.70	5690.07	499.31	-423.51	654.73	0.00	0.00	0.00	
5900.00	0.00	319.70	5790.07	499.31	-423.51	654.73	0.00	0.00	0.00	
6000.00	0.00	319.70	5890.07	499.31	-423.51	654.73	0.00	0.00	0.00	
6100.00	0.00	319.70	5990.07	499.31	-423.51	654.73	0.00	0.00	0.00	
6200.00	0.00	319.70	6090.07	499.31	-423.51	654.73	0.00	0.00	0.00	
6300.00	0.00	319.70	6190.07	499.31	-423.51	654.73	0.00	0.00	0.00	
6400.00	0.00	319.70	6290.07	499.31	-423.51	654.73	0.00	0.00	0.00	
6409.93	0.00	319.70	6300.00	499.31	-423.51	654.73	0.00	0.00	0.00	Uteland Buttes
6500.00	0.00	319.70	6390.07	499.31	-423.51	654.73	0.00	0.00	0.00	



Ryan Energy Technologies Planning Report



Company: Dominion Exploration & Product
Field: Uintah County, Utah
Site: HCU # 7-32F
Well: HCU 7-32F
Wellpath: Original Hole

Date: 8/3/2006 Time: 16:18:11
Co-ordinate(NE) Reference: Well: HCU 7-32F, True North
Vertical (TVD) Reference: Est RKB 5290.0
Section (VS) Reference: Well (0.00N,0.00E,319.70Azi)
Plan: Plan #1

Page: 3

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6600.00	0.00	319.70	6490.07	499.31	-423.51	654.73	0.00	0.00	0.00	
6700.00	0.00	319.70	6590.07	499.31	-423.51	654.73	0.00	0.00	0.00	
6800.00	0.00	319.70	6690.07	499.31	-423.51	654.73	0.00	0.00	0.00	
6900.00	0.00	319.70	6790.07	499.31	-423.51	654.73	0.00	0.00	0.00	
7000.00	0.00	319.70	6890.07	499.31	-423.51	654.73	0.00	0.00	0.00	
7100.00	0.00	319.70	6990.07	499.31	-423.51	654.73	0.00	0.00	0.00	
7200.00	0.00	319.70	7090.07	499.31	-423.51	654.73	0.00	0.00	0.00	
7300.00	0.00	319.70	7190.07	499.31	-423.51	654.73	0.00	0.00	0.00	
7319.93	0.00	319.70	7210.00	499.31	-423.51	654.73	0.00	0.00	0.00	Mesaverde
7400.00	0.00	319.70	7290.07	499.31	-423.51	654.73	0.00	0.00	0.00	
7500.00	0.00	319.70	7390.07	499.31	-423.51	654.73	0.00	0.00	0.00	
7600.00	0.00	319.70	7490.07	499.31	-423.51	654.73	0.00	0.00	0.00	
7700.00	0.00	319.70	7590.07	499.31	-423.51	654.73	0.00	0.00	0.00	
7800.00	0.00	319.70	7690.07	499.31	-423.51	654.73	0.00	0.00	0.00	
7900.00	0.00	319.70	7790.07	499.31	-423.51	654.73	0.00	0.00	0.00	
8000.00	0.00	319.70	7890.07	499.31	-423.51	654.73	0.00	0.00	0.00	
8100.00	0.00	319.70	7990.07	499.31	-423.51	654.73	0.00	0.00	0.00	
8159.93	0.00	319.70	8050.00	499.31	-423.51	654.73	0.00	0.00	0.00	PBHL

Targets

Targets														
Name	Description	TVD	+N/-S	+E/-W	Map	Map	<--- Latitude --->			<--- Longitude --->				
	Dip.	Dir.	ft	ft	ft	ft	Deg	Min	Sec	Deg	Min	Sec		
Vertical Point			2890.00	499.31	-423.51	7139657.882149585.52	39	54	21.525	N	109	41	5.255	W
-Plan hit target														
PBHL			8050.00	499.31	-423.51	7139657.882149585.52	39	54	21.525	N	109	41	5.255	W
-Plan hit target														

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
3109.93	3000.00	9.625	9.625	Intermediate

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
3719.93	3610.00	Wasatch Tongue		0.00	0.00
4074.93	3965.00	Uteland Limestone		0.00	0.00
4224.93	4115.00	Wasatch		0.00	0.00
5184.93	5075.00	Chapita Wells		0.00	0.00
6409.93	6300.00	Uteland Buttes		0.00	0.00
7319.93	7210.00	Mesaverde		0.00	0.00

Annotation

MD ft	TVD ft	
540.00	540.00	KOP Start Build 3°/100'
1282.67	1264.09	Hold 22.28°
2257.57	2166.21	Start drop 3°/100'
2999.93	2890.00	Hold 0°

DRILLING PLAN

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator: Dominion Exploration & Production
Address: 14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134
Well Location: HCU 7-32F
SHL: 2302' FNL & 1046' FEL, Section 32-10S-20E
BHL: 1800' FNL & 1500' FEL, Section 32-10S-20E
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,610'
Uteland Limestone	3,965'
Wasatch	4,115'
Chapita Wells	5,075'
Uteland Buttes	6,300'
Mesaverde	7,210'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	3,610'	Oil
Uteland Limestone	3,965'	Oil
Wasatch	4,115'	Gas
Chapita Wells	5,075'	Gas
Uteland Buttes	6,300'	Gas
Mesaverde	7,210'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	LTC	0'	3,000'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,050'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed.

The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

DRILLING PLAN

APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' – 500'	8.4	Air foam mist, no pressure control
500' – 3,000'	8.6	Fresh water, rotating head and diverter
3,000' – 8,050'	8.6	Fresh water/2% KCL/KCL mud system

7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500–2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H₂S gas.

11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this well will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

DRILLING PLAN

APPROVAL OF OPERATIONS

12. CEMENT SYSTEMS

a. Surface Cement:

Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl₂ and 1/4 #/sk. Poly-E-Flakes (volume includes 40% excess). Top out if necessary with Top Out cement listed below.

b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 3,000'±, run and cement 9-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.
- Cement to surface not required due to surface casing set deeper than normal.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	347	0'-2,000'	11.0 ppg	3.82 CFS	821 CF	1,437 CF	75%
Tail	254	2,000'-3,000'	15.6 ppg	1.20 CFS	174 CF	304 CF	75%

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
Slurry yield: 3.82 cf/sack Slurry weight: 11.00 #/gal.
Water requirement: 22.95 gal/sack
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.
Pump Time: 1 hr. 5 min. @ 90 °F.
Compressives @ 95 °F: 24 Hour is 4,700 psi

c. Production Casing Cement:

- Drill 7-7/8" hole to 8,050'±, run and cement 5 1/2".
- Cement interface is at 3,700', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 3% KCL.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	90	3,700'-4,500'	11.5 ppg	3.12 CFS	139 CF	277 CF	100%
Tail	600	4,500'-8,050'	13.0 ppg	1.75 CFS	525 CF	1050 CF	100%

Note: Caliper will be run to determine exact cement volume.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.
Water requirement: 17.71 gal/sack
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.
Slurry yield: 1.75 cf/sack Slurry weight: 13.00 #/gal.
Water requirement: 9.09 gal/sack
Compressives @ 165°F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: August 1, 2005
Duration: 14 Days

FACSIMILE COVER PAGE

To : Utah Division of Oil, Gas & Mining

From : g

Sent : 9/6/2006 at 2:09:06 PM

Pages : 3 (including Cover)

Subject : HCU 7-32F

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TRQS ²⁰R23E S-32 43-042-36684

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DIV. OF OIL, GAS & MINING



WELL CHRONOLOGY REPORT

CONFIDENTIAL

WELL NAME : HCU 7-32F

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 2302' FNL 1046' FEL SEC 32 T 10S R 20E

COUNTY & STATE : UTAH

UT

CONTRACTOR :

WM % : 100.00 AFE # : 0602678

API # : 43-047-36684

PLAN DEPTH : 8,114

SPUD DATE : 08/22/06

DHC : \$800,500

CWC : \$658,719

AFE TOTAL : \$1,459,219

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$789,356.27

EVENT CC : \$0.00

EVENT TC : \$789,356.27

WELL TOTL COST : \$801,258

REPORT DATE : 08/30/06

MD : 3,509

TVD : 3,406

DAYS : 6

MW : 9.4

VISC : 35

DAILY : DC : \$47,240.00

CC : \$0.00

TC : \$47,240.00

CUM : DC : \$484,169.47

CC : \$0.00

TC : \$484,169.47

DAILY DETAILS : NU BOPS. BOP TEST & DRILL. TEST KELLY, SAFETY VALVE, PIPE RAMS & CHOKE MANIFOLD TO 3000 PSI HIGH & 250 PSI LOW. TEST ANNULAR PREVENTER & SURFACE CASING TO 1500 PSI HIGH & 250 PSI LOW @ 0700 HRS 8/29/2006. PU BHA #2. TIH TAGGED CMT @ 2848' MD. DRILLED CMT, FLOAT EQUIPMENT F/ 2848' MD TO 2901' MD. DRILLED F/ 2901' MD TO 3509' MD. DEVIATION SURVEY @ 3480' MD .75 DEGREES. BOP TEST & DRILL.

REPORT DATE : 08/31/06

MD : 5,115

TVD : 5,012

DAYS : 7

MW : 9.4

VISC : 31

DAILY : DC : \$77,843.80

CC : \$0.00

TC : \$77,843.80

CUM : DC : \$562,013.27

CC : \$0.00

TC : \$562,013.27

DAILY DETAILS : BOP TEST & DRILL. DRILLED F/ 3509' MD TO 4262' MD. SERVICE RIG. DRILLED F/ 4262' MD TO 4705' MD. DEVIATION SURVEY @ 4620' MD 1.75 DEGREES. DRILLED F/ 4705' MD TO 5115' MD 5012' TVD. BOP TEST & DRILL.

REPORT DATE : 09/01/06

MD : 6,037

TVD : 5,933

DAYS : 8

MW : 9.2

VISC : 31

DAILY : DC : \$37,233.00

CC : \$0.00

TC : \$37,233.00

CUM : DC : \$599,246.27

CC : \$0.00

TC : \$599,246.27

DAILY DETAILS : BOP TEST & DRILL. DRILLED F/ 5115' MD TO 5366' MD. SERVICE RIG. DRILLED F/ 5366' MD TO 5932' MD. DEVIATION SURVEY @ 5852' MD 1.50 DEGREES. DRILLED F/ 5932' MD TO 6037' MD 5933' TVD.

REPORT DATE : 09/02/06

MD : 6,037

TVD : 5,933

DAYS : 9

MW : 9.2

VISC : 31

DAILY : DC : \$38,215.00

CC : \$0.00

TC : \$38,215.00

CUM : DC : \$637,461.27

CC : \$0.00

TC : \$637,461.27

DAILY DETAILS : CLEAN RUBBERS OUT OF FLOW LINE. TRIP OUT OF HOLE FOR BIT TRIP. BIT #2 SMITH M619 SERIAL NO. JW 5975 OUT. BIT GUTTED. REAM F/ 5500' TO 5000' & 3500' 3000' DUE TO WALL CAKE. REPLACE O-RING IN SWIVEL. TIH W/ BIT #3 SMITH M619 SERIAL NO. JW6803. REAM F/ 3000' TO 3500' & 5000' DUE TO WALL CAKE. REPAIR SWIVEL (LEAKING).

REPORT DATE : 09/03/06

MD : 6,037

TVD : 5,933

DAYS : 10

MW : 9.2

VISC : 30

DAILY : DC : \$36,585.00

CC : \$0.00

TC : \$36,585.00

CUM : DC : \$674,046.27

CC : \$0.00

TC : \$674,046.27

DAILY DETAILS : REPAIR SWIVEL. SERVICE RIG. BOP TEST & DRILL. DRILLED 6037' MD TO 6757' MD 6653' TVD. CLEAN RUBBERS OUT OF FLOW LINE.

REPORT DATE : 09/04/06

MD : 7,416

TVD : 7,312

DAYS : 11

MW : 9.5

VISC : 34

DAILY : DC : \$42,885.00

CC : \$0.00

TC : \$42,885.00

CUM : DC : \$716,931.27

CC : \$0.00

TC : \$716,931.27

DAILY DETAILS : CLEAN RUBBERS OUT OF FLOW LINE. DRILLED F/ 6757' MD TO 7000' MD. DEVIATION SURVEY @ 6920' MD 2.00 DEGREES. DRILLED F/ 7000' MD TO 7158' MD. SERVICE RIG. DRILLED F/ 7158' KB TO 7252' KB. REPAIR ROTARY CHAIN. DRILLED F/ 7252' MD TO 7416' MD 7312' TVD. REPAIR SWIVEL.

REPORT DATE : 09/05/06

MD : 7,416

TVD : 7,312

DAYS : 12

MW : 9.4

VISC : 33

DAILY : DC : \$38,625.00

CC : \$0.00

TC : \$38,625.00

CUM : DC : \$755,556.27

CC : \$0.00

TC : \$755,556.27

DAILY DETAILS : REPAIR SWIVEL. REPAIR SWIVEL. MIX PILL. TOOHO SO WE DON'T GET STUCK WHILE WORKING ON SWIVEL. CLEAN RUBBERS OUT OF FLOW LINE. REPAIR SWIVEL. TIH. REPAIR SWIVEL.

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DIV. OF OIL, GAS & MINING

**WELL CHRONOLOGY REPORT** **CONFIDENTIAL****WELL NAME : HCU 7-32F**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 2302' FNL 1046' FEL SEC 32 T 10S R 20E

COUNTY & STATE : UTAH

UT

CONTRACTOR :

WM % : 100.00 AFE # : 0602678

API # : 43-047-36684

PLAN DEPTH : 8,114

SPUD DATE : 08/22/06

DHC : \$800,500

CWC : \$658,719

AFE TOTAL : \$1,459,219

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$789,356.27

EVENT CC : \$0.00

EVENT TC : \$789,356.27

WELL TOTL COST : \$801,258

REPORT DATE: 09/06/06

MD : 7,416

TVD : 7,312

DAYS : 13

MW : 9.3

VISC : 33

DAILY : DC : \$33,800.00

CC : \$0.00

TC : \$33,800.00

CUM : DC : \$789,356.27

CC : \$0.00

TC : \$789,356.27

DAILY DETAILS : WORK ON SWIVEL. PUMP PILL. TOOH W/ 10 STANDS OF PIPE. CIRC & WAIT ON NEW SWIVEL. LD OLD SWIVEL. PU NEW REBUILT SWIVEL. TIH REAM 115'. DRILLED F/ 7416' TO 7720' MD 7616' TVD.

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DIV. OF OIL, GAS & MINING



WELL CHRONOLOGY REPORT

CONFIDENTIAL

WELL NAME : HCU 7-32F

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 2302' FNL 1046' FEL SEC 32 T 10S R 20E

COUNTY & STATE : UTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0602678

API # : 43-047-36684

PLAN DEPTH : 8,114

SPUD DATE : 08/22/06

DHC : \$800,500

CWC : \$658,719

AFE TOTAL : \$1,459,219

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$1,085,571.44

EVENT CC : \$0.00

EVENT TC : \$1,085,571.44

WELL TOTL COST : \$1,097,473

REPORT DATE: 09/06/06

MD : 7,416

TVD : 7,312

DAYS : 13

MW : 9.3

VISC : 33

DAILY : DC : \$33,800.00

CC : \$0.00

TC : \$33,800.00

CUM : DC : \$789,356.27

CC : \$0.00

TC : \$789,356.27

DAILY DETAILS : WORK ON SWIVEL. PUMP PILL. TOO H W/ 10 STANDS OF PIPE. CIRC & WAIT ON NEW SWIVEL. LD OLD SWIVEL. PU NEW REBUILT SWIVEL. TIH REAM 115'. DRILLED F/ 7416' TO 7720' MD 7616' TVD.

REPORT DATE: 09/07/06

MD : 8,223

TVD : 8,117

DAYS : 14

MW : 9.5

VISC : 39

DAILY : DC : \$36,395.00

CC : \$0.00

TC : \$36,395.00

CUM : DC : \$825,751.27

CC : \$0.00

TC : \$825,751.27

DAILY DETAILS : DRILLED F/ 7720' TO 7751' MD. SERVICE RIG. DRILLED F/ 7751' TO 7814' MD. CLEAN RUBBERS OUT OF FLOW LINE. DRILLED F/ 7814' TO 8066' MD. BOP TEST & DRILL. DRILLED F/ 8066' TO 8223' MD 8117' TVD. TD @ 2300 HRS (11:00 P.M.) 9/6/2006. CIRCULATE. SHORT TRIP TO SHOE. CUT & SLIP 143' OF DRILL LINE. TIH.

REPORT DATE: 09/08/06

MD : 8,223

TVD : 8,127

DAYS : 15

MW : 9.6

VISC : 35

DAILY : DC : \$59,054.75

CC : \$0.00

TC : \$59,054.75

CUM : DC : \$884,806.02

CC : \$0.00

TC : \$884,806.02

DAILY DETAILS : TIH. CIRCULATE. TOO H FOR OPEN HOLE LOGS. RUN OPEN HOLE LOGS F/ 8233' MD TO 8127' TVD. TIH. CIRCULATE. TOO H & LD DP, HWDP, DC & BIT.

REPORT DATE: 09/09/06

MD : 8,234

TVD : 8,128

DAYS : 16

MW :

VISC :

DAILY : DC : \$200,765.42

CC : \$0.00

TC : \$200,765.42

CUM : DC : \$1,085,571.44

CC : \$0.00

TC : \$1,085,571.44

DAILY DETAILS : TOO H LD DP, HWDP, DC & BIT. RUN CASING. RUN 191 JOINTS & TWO 6' & ONE 20' MARKER JOINTS OF 5.50", 17.0#, MAV-80, LTC, NEW CASING TO 8200.03' KB MD 8094.03' KB TVD, TOP OF FC @ 8154.60' KB, TOP OF SHOE @ 8198.53' KB, END OF CASING AT 8200.03' KB MD, @ 1800 HRS 9/8/06. CIRCULATE. RU HALLIBURTON & CEMENT. CEMENT 5.500" CSG W/ 75 SK OF LEAD CEMENT PREMIUM PLUS V BLEND. ADDITIVES; 16% GEL, .6% EX-1, 3% SALT (BWOC), 1% HR-7, .25# / SK. FLOCELE, 10# GILSONITE. WEIGHT (LB/GAL) 11.60, YIELD (CUFT/SK) 3.12, WATER (GAL/SK) 17.83. TAIL CEMENT; 600 SK OF HLC-TYPE V BLEND. ADDITIVES; 65% CEMENT, 35% POZ, 6% GEL, 3% KCL (BWOW), 1% EX-1, .6% HALAD-322, .2% HR-5. WEIGHT (LB/GAL) 13.00, YIELD (CUFT/SK) 1.69, WATER (GAL/SK) 8.81. FINISHED CEMENTING @ 2200 HRS 9/08/2006. CLEAN PITS. RIG RELEASED @ 01:00 A.M. 9/9/2006. RIG DOWN RIG.

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22313-2
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134	7. UNIT or CA AGREEMENT NAME: Hill Creek Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2302' FNL & 1046' FEL	8. WELL NAME and NUMBER: HCU 7-32F
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 32 10S 20E	9. API NUMBER: 43-047-36684
STATE: UTAH	10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Drilling Operations
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

8/28/06 ran 67 jts. 9 5/8", 36#, J-55, ST&C csg., set @2901'. Cemented lead w/345 sks CBM Lite, 10.5 ppg, 4.14.yld, tailed w/255 sks Prem Plus, 15.6 ppg, 1.15 yld. 9/08/06 ran 191 jts. 5 1/2", 17#, Mav-80, LT&C csg., set @ 8200'. Cemented lead w/ 75 sks Prem Plus "V", 11.6 ppg, 3.12 yld., tailed w/600 sks HCL "V", 13.0 ppg, 1.69 yld. WOCU

NAME (PLEASE PRINT) Carla Christian	TITLE Sr. Regulatory Specialist
SIGNATURE <i>Carla Christian</i>	DATE 9/15/2006

(This space for State use only)

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From : g

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Pages : 5 (including Cover)

Subject : HCU 7-32F

*T105 R38
K2E S-32 43-042-36684*

CONFIDENTIAL

SEP 21 2006

DIV. OF OIL, GAS & MINING



WELL CHRONOLOGY REPORT

CONFIDENTIAL

WELL NAME : HCU 7-32F

DISTRICT : WESTERN

COUNTY & STATE : UTAH

WI % : 100.00 AFE # : 0602678

DHC : \$800,500

EVENT DC : \$1,085,571.44

FIELD : NATURAL BUTTES 630

UT

API # : 43-047-36684

AFE TOTAL : \$1,459,219

EVENT CC : \$211,134.00

Event No: 1

LOCATION : 2302' FNL 1046' FEL SEC 32 T 10S R 20E

CONTRACTOR :

PLAN DEPTH : 8,114

SPUD DATE : 08/22/06

FORMATION : WASATCH/MESAVERDE

WELL TOTL COST : \$1,417,790

REPORT DATE: 09/09/06 MD: 8,234 TVD: 8,128 DAYS: 16 MW: VISC:
 DAILY: DC: \$200,765.42 CC: \$0.00 TC: \$200,765.42 CUM: DC: \$1,085,571.44 CC: \$0.00 TC: \$1,085,571.44

DAILY DETAILS: TOOH LD DP, HWDP, DC & BIT. RUN CASING. RUN 191 JOINTS & TWO 6' & ONE 20' MARKER JOINTS OF 5.50", 17.0#, MAV-80, LTC, NEW CASING TO 8200.03' KB MD 8094.03' KB TVD, TOP OF FC @ 8154.60' KB, TOP OF SHOE @ 8198.53' KB, END OF CASING AT 8200.03' KB MD, @ 1800 HRS 9/8/06. CIRCULATE. RU HALLIBURTON & CEMENT. CEMENT 5.500" CSG W/ 75 SK OF LEAD CEMENT PREMIUM PLUS V BLEND. ADDITIVES; 16% GEL, 6% EX-1, 3% SALT (BWOC), 1% HR-7, .25# / SK. FLOCELE, 10# GILSONITE. WEIGHT (LB/GAL) 11.60, YIELD (CUFT/SK) 3.12, WATER (GAL/SK) 17.83. TAIL CEMENT; 600 SK OF HLC-TYPE V BLEND. ADDITIVES; 65% CEMENT, 35% POZ, 6% GEL, 3% KCL (BWOW), 1% EX-1, .6% HALAD-322, .2% HR-5. WEIGHT (LB/GAL) 13.00, YIELD (CUFT/SK) 1.69, WATER (GAL/SK) 8.81. FINISHED CEMENTING @ 2200 HRS 9/08/2006. CLEAN PITS. RIG RELEASED @ 01:00 A.M. 9/9/2006. RIG DOWN RIG.

REPORT DATE: 09/15/06 MD: 8,234 TVD: 8,128 DAYS: 17 MW: VISC:
 DAILY: DC: \$0.00 CC: \$15,926.00 TC: \$15,926.00 CUM: DC: \$1,085,571.44 CC: \$15,926.00 TC: \$1,101,497.44

DAILY DETAILS: MIRU SCHLUMBER WIRE LINE AND ACTION HOT OIL SERVICE. RUN CMT BOND LOG UNDER 1500# PRESSURE FROM W.L. PBTD @ 8104' KB TO 2600' KB, FOUND CMT TOP @ 2800' KB. POOH W/ WIRE LINE, AND PRESSURE TESTED CSG TO 5000 PSI, HELD GOOD. RIH AND PERFORATED STAGE #1, SHUT WELL IN, RDMO WIRE LINE AND HOT OILIER. WAIT ON FRAC DATE.

**WELL CHRONOLOGY REPORT****WELL NAME : HCU 7-32F**

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 2302' FNL 1046' FEL SEC 32 T 10S R 20E

COUNTY & STATE : UTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0602678

API # : 43-047-36684

PLAN DEPTH : 8,114 SPUD DATE : 08/22/06

DHC : \$800,500

CWC : \$658,719

AFE TOTAL : \$1,459,219

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$1,085,571.44

EVENT CC : \$211,134.00

EVENT TC : \$1,296,705.44

WELL TOTL COST : \$1,417,790

REPORT DATE: 09/19/06

MD : 8,234

TVD : 8,128

DAYS : 18

MW :

VISC :

DAILY : DC : \$0.00

CC : \$195,208.00

TC : \$195,208.00

CUM : DC : \$1,085,571.44

CC : \$211,134.00

TC : \$1,296,705.44

DAILY DETAILS :



WELL CHRONOLOGY REPORT

WELL NAME : HCU 7-32F

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 2302' FNL 1046' FEL SEC 32 T 10S R 20E

COUNTY & STATE : UTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0602678

API # : 43-047-36684

PLAN DEPTH : 8,114

SPUD DATE : 08/22/06

DHC : \$800,500

CWC : \$658,719

AFE TOTAL : \$1,459,219

FORMATION : WASATCH/MESAVERDE

EVENT DC: \$1,085,571.44

EVENT CC: \$211,134.00

EVENT TC: \$1,296,705.44

WELL TOTL COST: \$1,417,790

09-18-06 HCU 7-32F. MIRU SCHLUMBERGER frac equipment, tested lines to 7000 psi. Held safety meeting with all personnel. Quality control on gel & breaker systems with on-site lab was verified. Frac'd Mesa Verde Interval # 1, 8038-54', 4 spf, 65 holes, with 22,582# 20/40 PR6000 sand. Pumped frac at an average rate of 28.1 bpm, using 063.6 mscf of N2 and 455 bbls of fluid. Average surface treating pressure was 4372 psi with sand concentrations stair stepping from 1.0 ppg to 4.0 ppg.

3499 gallons Pad YF120ST/N2 gel.

1428 gallons YF120ST/N2 pumped @ 1.0 ppg sand concentration.

2115 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

2116 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

1455 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

7897 gallons WF110 slick water flush.

Total frac fluid pumped 455 bbls. N2 was cut during flush. Ru wire line, RIH and set 5K frac plug @ 7980'. RIH and perforate interval #2 @ 7842-67', 7888-92', 2 spf, 60 holes. Fraced interval #2 w/ 59,230# 20/40 Ottawa sand. Pumped frac at an avg rate of 31.7 bpm, using 233.6 mscf of N2 and 601 bbls of fluid. Avg surface treating pressure was 3760 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

3500 gallons Pad YF120ST/N2 gel.

2146 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

2373 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

2117 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

3017 gallons YF120ST/N2 pumped @ 5.0 ppg sand concentration.

2503 gallons YF120ST/N2 pumped @ 6.0 ppg sand concentration.

7624 gallons WF110 slick water flush.

Total frac fluid pumped 601 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 7820', perforate interval # 3 @ 7694-7709', 7719-28', 7768-94', 1 spf, 53 holes. Fraced interval #3 w/ 81,231# 20/40 Ottawa sand. Pumped frac at an avg rate of 37.6 bpm, using 285.9 mscf of N2 and 712 bbls of fluid. Avg surface treating pressure was 4012 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

4200 gallons Pad YF120ST/N2 gel.

2846 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

2814 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

2832 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

2819 gallons YF120ST/N2 pumped @ 5.0 ppg sand concentration.

3489 gallons YF120ST/N2 pumped @ 6.0 ppg sand concentration.

7434 gallons WF110 slick water flush.

Total frac fluid pumped 712 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 5930', perforate interval # 4 @ 5674-86', 5 spf, 61 holes. Fraced interval #4 w/ 40,964# 20/40 Ottawa sand. Pumped frac at an avg rate of 28.3 bpm, using 129.8 mscf of N2 and 434 bbls of fluid. Avg surface treating pressure was 2000 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

2797 gallons Pad YF115ST/N2 gel.

1445 gallons pumped YF115ST/N2 @ 2.0 ppg sand concentration.

2121 gallons pumped YF115ST/N2 @ 3.0 ppg sand concentration.

2129 gallons pumped YF115ST/N2 @ 4.0 ppg sand concentration.

2347 gallons pumped YF115ST/N2 @ 6.0 ppg sand concentration.

5404 gallons WF110 slick water flush.

Total frac fluid pumped 434 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 5380', perforate interval # 5 @ 5184-5200', 4 spf, 65 holes. Fraced interval #5 w/ 31,663# 20/40 Ottawa sand. Pumped frac at an avg rate of 28 bpm, using 143.6 mscf of N2 and 358 bbls of fluid. Avg surface treating pressure was 2840 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

2798 gallons Pad YF115ST/N2 gel.

1441 gallons YF115ST/N2 pumped @ 2.0 ppg sand concentration.

1430 gallons YF115ST/N2 pumped @ 3.0 ppg sand concentration.

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DIV. OF OIL, GAS & MINING



WELL CHRONOLOGY REPORT

WELL NAME : HCU 7-32F

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 2302' FNL 1046' FEL SEC 32 T 10S R 20E

COUNTY & STATE : UTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0602678

API # : 43-047-36684

PLAN DEPTH : 8,114 SPUD DATE : 08/22/06

DHC : \$800,500

CWC : \$658,719

AFE TOTAL : \$1,459,219

FORMATION : WASATCH/MESAVERDE

EVENT DC: \$1,085,571.44

EVENT CC: \$211,134.00

EVENT TC: \$1,296,705.44

WELL TOTL COST: \$1,417,790

1419 gallons YF115ST/N2 pumped @ 4.0 ppg sand concentration.

2033 gallons YF115ST/N2 pumped @ 6.0 ppg sand concentration.

3727 gallons WF110 slick water flush.

Total frac fluid pumped 358 bbls. N2 was not cut during flush. Opened well to the pit on a 12/64 choke. Turned well over to production.

REPORT DATE: 09/20/06

MD : 8,234

TVD : 8,128

DAYS : 19

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC: \$1,085,571.44 CC : \$211,134.00 TC : \$1,296,705.44

DAILY DETAILS : FLOW REPORT WELL FLOWING TO PIT ON 12/64 CHOKE FCP 666, RECOVERED 811 BBLS FRAC FLUID
CHANGE CHOKE TO 18/64 & LEFT TO PIT.

FACSIMILE COVER PAGE

To : Utah Division of Oil, Gas & Mining

From : g

Sent : 9/27/2006 at 4:54:30 PM

Pages : 2 (including Cover)

Subject : HCU 7-32F

T105 R-²⁰ARE S-32 43-042-36684

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SEP 28 2006

DIV. OF OIL, GAS & MINING



WELL CHRONOLOGY REPORT

CONFIDENTIAL

WELL NAME : HCU 7-32F

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 2302' FNL 1046' FEL SEC 32 T 10S R 20E

COUNTY & STATE : UINTAH

UT

CONTRACTOR :

WM % : 100.00 AFE # : 0602678

API # : 43-047-36684

PLAN DEPTH : 8,114

SPUD DATE : 08/22/06

DHC : \$800,500

CWC : \$658,719

AFE TOTAL : \$1,459,219

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$1,085,571.44

EVENT CC : \$211,134.00

EVENT TC : \$1,296,705.44

WELL TOTL COST : \$1,417,790

REPORT DATE: 09/20/06

MD : 8,234

TVD : 8,128

DAYS : 19

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$1,085,571.44

CC : \$211,134.00

TC : \$1,296,705.44

DAILY DETAILS : FLOW REPORT WELL FLOWING TO PIT ON 12/64 CHOKE FCP 666, RECOVERED 811 BBLS FRAC FLUID
CHANGE CHOKE TO 18/64 & LEFT TO PIT.**REPORT DATE: 09/21/06**

MD : 8,234

TVD : 8,128

DAYS : 20

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$1,085,571.44

CC : \$211,134.00

TC : \$1,296,705.44

DAILY DETAILS : FLOW REPORT WELL FLOWING TO PIT ON 18/64 CHOKE FCP 404, RECOVERED 919 BBLS FRAC FLUID RU
FLOW LINE TURN TO SALES WELL RETURNING LARGE SLUGS OF H2O GAS WOULD NOT BURN OPEN WELL
BACK UP TO PIT ON 18/64 CHOKE FOR NIGHT.**REPORT DATE: 09/22/06**

MD : 8,234

TVD : 8,128

DAYS : 21

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$1,085,571.44

CC : \$211,134.00

TC : \$1,296,705.44

DAILY DETAILS : FLOW REPORT WELL TO PIT ON 18/64 CHOKE FCP 650, RECOVERED 949 BBLS FLUID RETURNING LARGE
SLUGS OF H2O WILL TURN TO SALES THIS AM.**REPORT DATE: 09/23/06**

MD : 8,234

TVD : 8,128

DAYS : 22

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$1,085,571.44

CC : \$211,134.00

TC : \$1,296,705.44

DAILY DETAILS : TURNED TO SALES @ 12 NOON ON 14/64 CHOKE, MADE 246 MCF, FCP 1274, SLP 85, 0 BBLS OIL, 250 BBLS
WTR, 12 HRS FLOWTIME**REPORT DATE: 09/24/06**

MD : 8,234

TVD : 8,128

DAYS : 23

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$1,085,571.44

CC : \$211,134.00

TC : \$1,296,705.44

DAILY DETAILS : WELL FLOWING TO SALES MADE 835 MCF, FCP 1714, SLP 80, 0 BBLS OIL, 156 BBLS WTR, 18/64 CHOKE,
WELL RETURNED SAND AND CUT OUT HIGH-LOW VALVE @ THE DEHY,**REPORT DATE: 09/25/06**

MD : 8,234

TVD : 8,128

DAYS : 24

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$1,085,571.44

CC : \$211,134.00

TC : \$1,296,705.44

DAILY DETAILS : WELL MADE 464 MCF, FCP 1552, SLP 90, 111 BBLS OIL, 92 BBLS WTR, 15/64 CHOKE, WELL SI 12 HRS FOR
EQUIP. REPAIRS, 12 HRS FLOWTIME**REPORT DATE: 09/26/06**

MD : 8,234

TVD : 8,128

DAYS : 25

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$1,085,571.44

CC : \$211,134.00

TC : \$1,296,705.44

DAILY DETAILS : WELL MADE 1314 MCF, FCP 1542, SLP 87, 15 BBLS OIL, 169 BBLS WTR, ON 18/64 CHOKE

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SEP 28 2006

DIV. OF OIL, GAS & MINING

FACSIMILE COVER PAGE

To : Utah Division of Oil, Gas & Mining

From : g

Sent : 10/4/2006 at 1:22:54 PM

Pages : 2 (including Cover)

Subject : HCU 7-32F

T 109 R³⁰ 732 S-32

43-042-36684

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OCT 04 2006

DIV. OF OIL, GAS & MINING

**WELL CHRONOLOGY REPORT****WELL NAME : HCU 7-32F**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 2302' FNL 1046' FEL SEC 32 T 10S R 20E

COUNTY & STATE : UINTAH

UT

CONTRACTOR :

VI % : 100.00 AFE # : 0602678

API # : 43-047-36684

PLAN DEPTH : 8,114 SPUD DATE : 08/22/06

DHC : \$800,500

CWC : \$658,719

AFE TOTAL : \$1,459,219

FORMATION : WASATCH/MESAVERDE

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EVENT CC : \$211,134.00

EVENT TC : \$1,296,705.44

WELL TOTL COST : \$1,417,790

REPORT DATE: 09/25/06

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DAYS : 24

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

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TC : \$1,296,705.44

DAILY DETAILS : WELL MADE 464 MCF, FCP 1552, SLP 90, 111 BBLS OIL, 92 BBLS WTR, 15/64 CHOKE, WELL SI 12 HRS FOR
EQUIP. REPAIRS, 12 HRS FLOWTIME**REPORT DATE: 09/26/06**

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DAYS : 25

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC : \$1,085,571.44

CC : \$211,134.00

TC : \$1,296,705.44

DAILY DETAILS : WELL MADE 1314 MCF, FCP 1542, SLP 87, 15 BBLS OIL, 169 BBLS WTR, ON 18/64 CHOKE

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FACSIMILE COVER PAGE

To : Utah Division of Oil, Gas & Mining

From : g

Sent : 10/11/2006 at 1:45:46 PM

Pages : 2 (including Cover)

Subject : HCU 7-32F *T10S R20E S-32 43-042-36084*

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OCT 11 2006

DIV. OF OIL, GAS & MINING

Page: 1

**WELL CHRONOLOGY REPORT****CONFIDENTIAL****WELL NAME : HCU 7-32F**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 2302' FNL 1046' FEL SEC 32 T 10S R 20E

COUNTY & STATE : UINTAH

UT

CONTRACTOR :

WM % : 100.00 AFE # : 0602678

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PLAN DEPTH : 8,114

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RECEIVED**OCT 11 2006**

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22313-2
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: _____
3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134		7. UNIT or CA AGREEMENT NAME: Hill Creek Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2302' FNL & 1046' FEL		8. WELL NAME and NUMBER: HCU 7-32F
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 32 10S 20E		9. API NUMBER: 43-047-36684
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: _____
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Drilling Operations</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Frac'd & Perf'd well 9/17/06. First sales 9/21/06.

NAME (PLEASE PRINT) Carla Christian	TITLE Sr. Regulatory Specialist
SIGNATURE <i>Carla Christian</i>	DATE 10/11/2006

(This space for State use only)

RECEIVED
OCT 16 2006

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

AMENDED REPORT ☐ FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-22313-2

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER

b. TYPE OF WORK: NEW WELL ☒ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

2. NAME OF OPERATOR:
Dominion Exploration & Production, Inc., 14000 Quail Springs Parkway,

3. ADDRESS OF OPERATOR: Suite 600 CITY Oklahoma City STATE OK ZIP 73170 PHONE NUMBER: (405) 749-1300

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 2302' FNL & 1046' FEL

AT TOP PRODUCING INTERVAL REPORTED BELOW:

AT TOTAL DEPTH: 1800' FNL & 1500' FEL 1946 FNL 1430 FEL

14. DATE SPUDDED: 8/23/2006 15. DATE T.D. REACHED: 9/6/2006 16. DATE COMPLETED: 9/21/2006 ABANDONED ☐ READY TO PRODUCE ☒

18. TOTAL DEPTH: MD 8,223 TVD 8,118 19. PLUG BACK T.D.: MD 8,140 TVD 8034 20. IF MULTIPLE COMPLETIONS, HOW MANY? *

7. UNIT or CA AGREEMENT NAME
Hill Creek Unit

8. WELL NAME and NUMBER:
HCU 7-32F

9. API NUMBER:
43-047-36684

10. FIELD AND POOL, OR WILDCAT
Natural Buttes

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
SENE 32 10S 20E

12. COUNTY: Uintah 13. STATE: UTAH

17. ELEVATIONS (DF, RKB, RT, GL):
5271' GL

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

Platform Express Lithodensity/Compensated Neutron/High Resolution Laterolog, Cement Bond Log

23. WAS WELL CORED? NO ☒ YES ☐ (Submit analysis)
WAS DST RUN? NO ☒ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☒ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17 1/2"	13 3/8"	J-55 42#	Surface	523		500 Sx		Surface	
12 1/4"	9 5/8" J-55	32#	Surface	2,901		600 Sx		Surface	
7 7/8"	5 1/2" N-80	17#	Surface	8,200		675 Sx		CBL 2800'	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A)				
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
See Attachment			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
	See Attachment

29. ENCLOSED ATTACHMENTS:

☒ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS:

Producing

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 9/21/2006	TEST DATE: 11/12/2006	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL – BBL: 3	GAS – MCF: 1,144	WATER – BBL: 77	PROD. METHOD: Flowing
CHOKE SIZE: 48	TBG. PRESS.	CSG. PRESS. 203	API GRAVITY	BTU – GAS	GAS/OIL RATIO 1;381,333	24 HR PRODUCTION RATES: →	INTERVAL STATUS: Producing

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Wasatch Tonque	3,928
				Uteland Limestone	4,275
				Wasatch	4,421
				Chapita Wells	5,272
				Uteland Buttes	6,400
				Mesaverde	7,263

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Carla Christian

TITLE Sr. Regulatory Specialist

SIGNATURE

Carla Christian

DATE 11/20/2006

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

HCU 7-32F Perforations & Frac's

Interval #1 Mesaverde 8038 – 54 65 holes

Frac w/22,582# 20/40 PR6000 sd., w/63.6 mscf of N2 and 455 bbls of YF12OST.

Interval #2 Mesaverde 7842 – 67
7888 – 92 60 holes

Frac w/59,230# 20/40 Ottawa sd., w/233.6 mscf of N2 and 601 bbls of YF120ST

Interval #3 Mesaverde 7694 – 09
7719 – 28
7768 - 94 53 holes

Frac w/81,231# 20/40 Ottawa sd., w/285.9 mscf of N2 and 712 bbls of YF120ST

Interval #4 Wasatch 5674 – 86 61 holes

Frac w/40,964# 20/40 Ottawa sd., w/129.8 mscf of N2 and 434 bbls of YF115ST

Interval #5 Wasatch 5184 - 00 65 holes

Frac w/31,663# 20/40 Ottawa sd., w/143.6 mscf of N2 and 358 bbls of YF115ST



**Dominion Exploration & Production
Natural Buttes Field
Uintah County, Utah**

HCU 7-32F

Section 32, T10S, R20E

FINAL WELL REPORT



AS DRILLED

Prepared for:

HCU 7-32F

Dominion Exploration & Production

on

Section 32; T10S - R20E

Uintah County, Utah

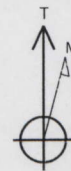


Dominion

Dominion Exploration & Production

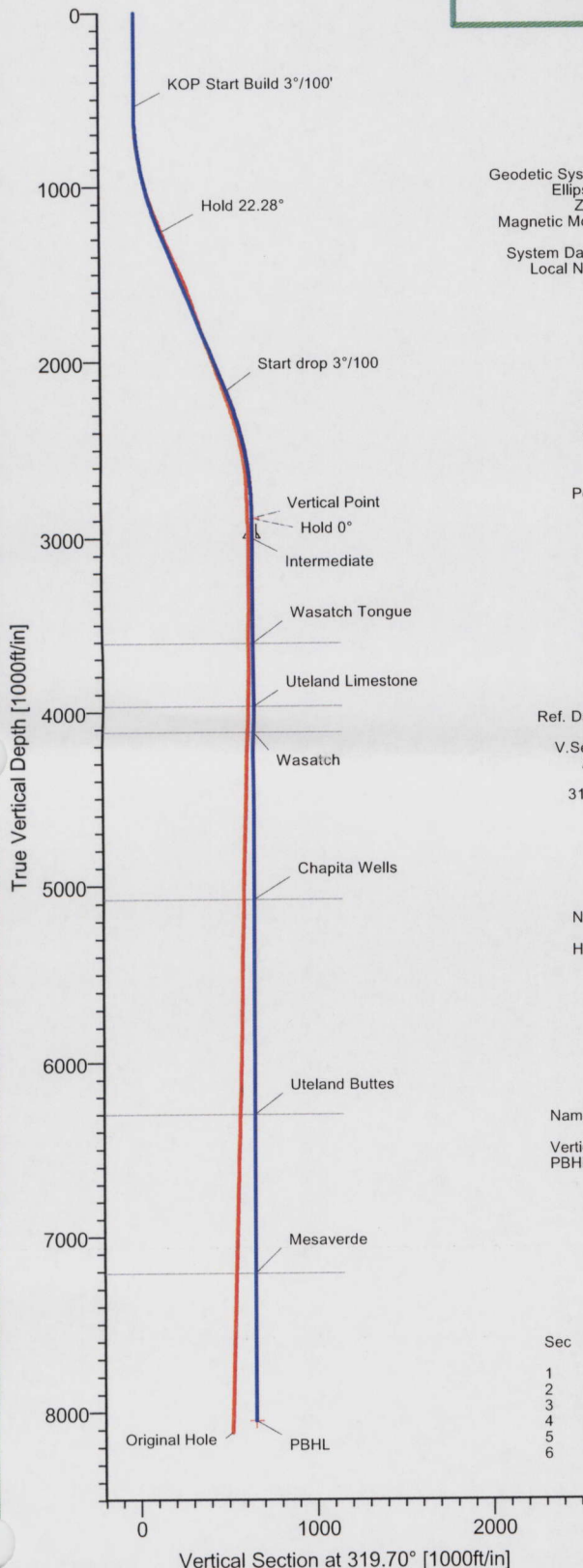
Field: Uintah County, Utah
Site: HCU # 7-32F
Well: HCU 7-32F
Wellpath: Original Hole
Plan: Plan #1

Plan Vs Actual



Azimuths to True North
Magnetic North: 11.76°

Magnetic Field
Strength: 52794nT
Dip Angle: 65.88°
Date: 8/3/2006
Model: igrf2005



FIELD DETAILS

Uintah County, Utah
Utah - Natural Buttes
USA

Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: Utah, Central Zone
Magnetic Model: igrf2005

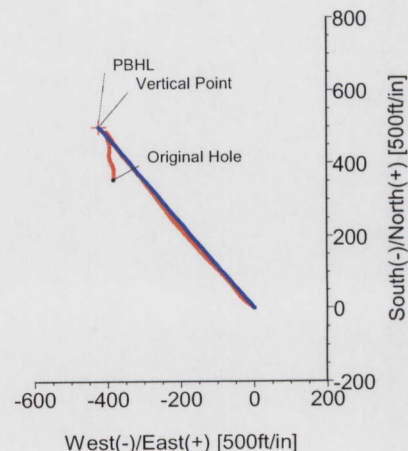
System Datum: Mean Sea Level
Local North: True North

SITE DETAILS

HCU # 7-32F
Sec. 32, 10S, 20E

Site Centre Latitude: 39°54'16.590N
Longitude: 109°40'59.820W

Ground Level: 5271.00
Positional Uncertainty: 0.00
Convergence: 1.16



WELLPATH DETAILS

Rig:	Patterson 12		
Ref. Datum:	Est RKB 5290.00ft		
V. Section Angle	Origin +N/-S	Origin +E/-W	Starting From TVD
319.70°	0.00	0.00	0.00

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
HCU 7-32F	0.00	0.00	7139167.28	2150019.08	39°54'16.590N	109°40'59.820W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Vertical Point	2890.00	499.31	-423.51	Point
PBHL	8050.00	499.31	-423.51	Point

FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	3610.00	3719.93	Wasatch Tongue
2	3965.00	4074.93	Uteland Limestone
3	4115.00	4224.93	Wasatch
4	5075.00	5184.93	Chapita Wells
5	6300.00	6409.93	Uteland Buttes
6	7210.00	7319.93	Mesaverde

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	319.70	0.00	0.00	0.00	0.00	0.00	0.00	
2	540.00	0.00	319.70	540.00	0.00	0.00	0.00	319.70	0.00	
3	1282.67	22.28	319.70	1264.09	108.74	-92.23	3.00	319.70	142.59	
4	2257.57	22.28	319.70	2166.21	390.62	-331.32	0.00	0.00	512.20	
5	2999.93	0.00	319.70	2890.00	499.31	-423.51	3.00	180.00	654.73	Vertical Point
6	8159.93	0.00	319.70	8050.00	499.31	-423.51	0.00	319.70	654.73	PBHL



SURVEY REPORT - STANDARD

Prepared for:

HCU 7-32F

Dominion Exploration & Production

on

Section 32, T10S, R20E

Uintah County, Utah



Ryan Energy Technologies

Survey Report



Company: Dominion Exploration & Product			Date: 9/8/2006		Time: 08:13:01		Page: 1	
Field: Uintah County, Utah			Co-ordinate(NE) Reference:		Well: HCU 7-32F, True North			
Site: HCU # 7-32F			Vertical (TVD) Reference:		Est RKB 5290.0			
Well: HCU 7-32F			Section (VS) Reference:		Well (0.00N,0.00E,319.70Azi)			
Wellpath: Original Hole			Survey Calculation Method:		Minimum Curvature		Db: Sybase	

Field: Uintah County, Utah Utah - Natural Buttes USA				Map Zone: Utah, Central Zone			
Map System: US State Plane Coordinate System 1983				Coordinate System: Well Centre			
Geo Datum: GRS 1980				Geomagnetic Model: igrf2005			
Sys Datum: Mean Sea Level							

Site: HCU # 7-32F							
Sec.32, 10S, 20E							
Site Position:		Northing: 7139167.28 ft		Latitude: 39 54 16.590 N			
From: Geographic		Easting: 2150019.08 ft		Longitude: 109 40 59.820 W			
Position Uncertainty: 0.00 ft				North Reference: True			
Ground Level: 5271.00 ft				Grid Convergence: 1.164 deg			

Well: HCU 7-32F				Slot Name:			
Well Position: +N/-S 0.00 ft		Northing: 7139167.28 ft		Latitude: 39 54 16.590 N			
+E/-W 0.00 ft		Easting: 2150019.08 ft		Longitude: 109 40 59.820 W			
Position Uncertainty: 0.00 ft							

Wellpath: Original Hole				Drilled From: Surface			
				Tie-on Depth: 0.00 ft			
Current Datum: Est RKB		Height 5290.00 ft		Above System Datum: Mean Sea Level			
Magnetic Data: 8/3/2006				Declination: 11.758 deg			
Field Strength: 52794 nT				Mag Dip Angle: 65.884 deg			
Vertical Section: Depth From (TVD)		+N/-S		+E/-W		Direction	
ft		ft		ft		deg	
0.00		0.00		0.00		319.70	

Survey Program for Definitive Wellpath					
Date: 9/8/2006		Validated: No		Version: 0	
Actual From To		Survey		Toolcode Tool Name	
ft ft					
540.00	2885.00	Ryan MWD (540.00-2885.00)		MWD	MWD
3420.00	8143.00	Single Shot Surveys (3420.00-8		Single Shot	Single Shot
8223.00	8223.00	Projection to TD (8223.00-8223		Projection	Projection

Survey										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
540.00	0.00	319.00	540.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE LINE
605.00	1.50	293.20	604.99	0.34	-0.78	0.76	2.31	2.31	0.00	MWD
696.00	4.30	300.40	695.87	2.53	-4.82	5.05	3.10	3.08	7.91	MWD
787.00	8.20	304.20	786.31	7.91	-13.13	14.53	4.31	4.29	4.18	MWD
879.00	10.50	316.10	877.09	17.64	-24.37	29.22	3.25	2.50	12.93	MWD
969.00	13.60	320.70	965.10	31.74	-36.77	47.99	3.60	3.44	5.11	MWD
1060.00	17.00	325.70	1052.86	51.01	-51.04	71.92	4.00	3.74	5.49	MWD
1153.00	21.20	320.90	1140.73	75.31	-69.32	102.27	4.82	4.52	-5.16	MWD
1248.00	21.40	316.10	1229.25	101.13	-92.17	136.74	1.85	0.21	-5.05	MWD
1342.00	22.40	315.70	1316.46	126.30	-116.57	171.73	1.08	1.06	-0.43	MWD
1437.00	24.80	318.40	1403.51	154.16	-142.45	209.71	2.77	2.53	2.84	MWD
1531.00	24.40	319.30	1488.98	183.62	-168.20	248.83	0.58	-0.43	0.96	MWD
1625.00	21.10	317.50	1575.66	210.83	-192.30	285.17	3.59	-3.51	-1.91	MWD
1720.00	18.50	319.20	1665.03	234.85	-213.70	317.33	2.80	-2.74	1.79	MWD
1814.00	19.00	324.00	1754.05	258.52	-232.44	347.51	1.72	0.53	5.11	MWD
1909.00	19.80	323.80	1843.66	284.01	-251.03	378.98	0.85	0.84	-0.21	MWD
2003.00	21.90	322.90	1931.50	310.85	-271.01	412.36	2.26	2.23	-0.96	MWD
2097.00	19.20	324.30	2019.51	337.39	-290.61	445.28	2.92	-2.87	1.49	MWD
2192.00	20.10	320.40	2108.98	362.65	-310.13	477.17	1.67	0.95	-4.11	MWD
2286.00	19.40	320.70	2197.45	387.18	-330.32	508.93	0.75	-0.74	0.32	MWD
2380.00	18.40	320.60	2286.38	410.72	-349.62	539.38	1.06	-1.06	-0.11	MWD



Ryan Energy Technologies

Survey Report



Company: Dominion Exploration & Product
Field: Uintah County, Utah
Site: HCU # 7-32F
Well: HCU 7-32F
Wellpath: Original Hole

Date: 9/8/2006
Co-ordinate(NE) Reference: Well: HCU 7-32F, True North
Vertical (TVD) Reference: Est RKB 5290.0
Section (VS) Reference: Well (0.00N,0.00E,319.70Azi)
Survey Calculation Method: Minimum Curvature
Db: Sybase

Page: 2

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2475.00	15.80	322.60	2377.17	432.59	-367.00	567.29	2.81	-2.74	2.11	MWD
2569.00	12.00	325.90	2468.40	450.85	-380.26	589.79	4.13	-4.04	3.51	MWD
2663.00	9.50	328.90	2560.75	465.59	-389.74	607.17	2.72	-2.66	3.19	MWD
2758.00	5.90	324.30	2654.88	476.27	-396.64	619.78	3.84	-3.79	-4.84	MWD
2852.00	1.40	336.00	2748.66	481.24	-399.93	625.70	4.83	-4.79	12.45	MWD
2885.00	1.90	337.90	2781.65	482.12	-400.30	626.61	1.52	1.52	5.76	MWD
3420.00	0.75	182.00	3316.57	486.84	-403.76	632.44	0.49	-0.21	-29.14	Single Shot
4620.00	1.75	160.00	4516.28	461.77	-397.77	609.45	0.09	0.08	-1.83	Single Shot
5852.00	1.50	192.00	5747.80	428.32	-394.69	581.95	0.08	-0.02	2.60	Single Shot
6920.00	2.00	152.00	6815.34	398.19	-388.84	555.19	0.12	0.05	-3.75	Single Shot
8143.00	2.00	192.00	8037.65	358.47	-383.26	521.29	0.11	0.00	3.27	Single Shot
8223.00	2.00	192.00	8117.60	355.74	-383.84	519.58	0.00	0.00	0.00	PROJECTED to TD



SURVEY REPORT - GEOGRAPHIC

Prepared for:

HCU 7-32F

Dominion Exploration & Production

on

Section 32, T10S, R20E

Uintah County, Utah



Ryan Energy Technologies

Survey Report - Geographic



Company: Dominion Exploration & Product	Date: 9/8/2006	Time: 08:57:43	Page: 1
Field: Uintah County, Utah	Co-ordinate(NE) Reference: Well: HCU 7-32F, True North		
Site: HCU # 7-32F	Vertical (TVD) Reference: Est RKB 5290.0		
Well: HCU 7-32F	Section (VS) Reference: Well (0.00N,0.00E,319.70Azi)		
Wellpath: Original Hole	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Field: Uintah County, Utah Utah - Natural Buttes USA	Map Zone: Utah, Central Zone
Map System: US State Plane Coordinate System 1983	Coordinate System: Well Centre
Geo Datum: GRS 1980	Geomagnetic Model: igrf2005
Sys Datum: Mean Sea Level	

Site: HCU # 7-32F
Sec.32, 10S, 20E
Site Position: Northing: 7139167.28 ft Latitude: 39 54 16.590 N
From: Geographic Easting: 2150019.08 ft Longitude: 109 40 59.820 W
Position Uncertainty: 0.00 ft North Reference: True
Ground Level: 5271.00 ft Grid Convergence: 1.164 deg

Well: HCU 7-32F	Slot Name:
Well Position: +N/-S 0.00 ft Northing: 7139167.28 ft Latitude: 39 54 16.590 N	
+E/-W 0.00 ft Easting: 2150019.08 ft Longitude: 109 40 59.820 W	
Position Uncertainty: 0.00 ft	

Wellpath: Original Hole	Drilled From: Surface
Current Datum: Est RKB	Tie-on Depth: 0.00 ft
Magnetic Data: 8/3/2006	Above System Datum: Mean Sea Level
Field Strength: 52794 nT	Declination: 11.758 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 65.884 deg
ft	+N/-S
	ft
	+E/-W
	ft
	Direction
	deg
0.00	0.00
0.00	0.00
0.00	319.70

Survey Program for Definitive Wellpath				
Date: 9/8/2006	Validated: No	Version: 0		
Actual From	To	Survey	Toolcode	Tool Name
ft	ft			
540.00	2885.00	Ryan MWD (540.00-2885.00)	MWD	MWD
3420.00	8143.00	Single Shot Surveys (3420.00-8	Single Shot	Single Shot
8223.00	8223.00	Projection to TD (8223.00-8223	Projection	Projection

Survey													
MD	Incl	Azim	TVD	+N/-S	+E/-W	Map	Map	<--- Latitude --->		<--- Longitude --->			
ft	deg	deg	ft	ft	ft	Northing	Easting	Deg	Min	Sec	Deg	Min	Sec
540.00	0.00	319.00	540.00	0.00	0.00	7139167.28	2150019.08	39	54	16.590 N	109	40	59.820 W
605.00	1.50	293.20	604.99	0.34	-0.78	7139167.60	2150018.30	39	54	16.593 N	109	40	59.830 W
696.00	4.30	300.40	695.87	2.53	-4.82	7139169.71	2150014.21	39	54	16.615 N	109	40	59.882 W
787.00	8.20	304.20	786.31	7.91	-13.13	7139174.92	2150005.79	39	54	16.668 N	109	40	59.989 W
879.00	10.50	316.10	877.09	17.64	-24.37	7139184.42	2149994.36	39	54	16.764 N	109	41	0.133 W
969.00	13.60	320.70	965.10	31.74	-36.77	7139198.26	2149981.68	39	54	16.904 N	109	41	0.292 W
1060.00	17.00	325.70	1052.86	51.01	-51.04	7139217.24	2149967.01	39	54	17.094 N	109	41	0.475 W
1153.00	21.20	320.90	1140.73	75.31	-69.32	7139241.16	2149948.25	39	54	17.334 N	109	41	0.710 W
1248.00	21.40	316.10	1229.25	101.13	-92.17	7139266.51	2149924.88	39	54	17.589 N	109	41	1.003 W
1342.00	22.40	315.70	1316.46	126.30	-116.57	7139291.19	2149899.97	39	54	17.838 N	109	41	1.316 W
1437.00	24.80	318.40	1403.51	154.16	-142.45	7139318.51	2149873.53	39	54	18.114 N	109	41	1.648 W
1531.00	24.40	319.30	1488.98	183.62	-168.20	7139347.45	2149847.19	39	54	18.405 N	109	41	1.979 W
1625.00	21.10	317.50	1575.66	210.83	-192.30	7139374.15	2149822.54	39	54	18.674 N	109	41	2.288 W
1720.00	18.50	319.20	1665.03	234.85	-213.70	7139397.74	2149800.66	39	54	18.911 N	109	41	2.562 W
1814.00	19.00	324.00	1754.05	258.52	-232.44	7139421.02	2149781.44	39	54	19.145 N	109	41	2.803 W
1909.00	19.80	323.80	1843.66	284.01	-251.03	7139446.13	2149762.33	39	54	19.397 N	109	41	3.042 W
2003.00	21.90	322.90	1931.50	310.85	-271.01	7139472.55	2149741.81	39	54	19.662 N	109	41	3.298 W
2097.00	19.20	324.30	2019.51	337.39	-290.61	7139498.69	2149721.68	39	54	19.924 N	109	41	3.550 W
2192.00	20.10	320.40	2108.98	362.65	-310.13	7139523.55	2149701.65	39	54	20.174 N	109	41	3.800 W
2286.00	19.40	320.70	2197.45	387.18	-330.32	7139547.66	2149680.97	39	54	20.417 N	109	41	4.059 W



Ryan Energy Technologies

Survey Report - Geographic



Company: Dominion Exploration & Product
Field: Uintah County, Utah
Site: HCU # 7-32F
Well: HCU 7-32F
Wellpath: Original Hole

Date: 9/8/2006
Co-ordinate(NE) Reference: Well: HCU 7-32F, True North
Vertical (TVD) Reference: Est RKB 5290.0
Section (VS) Reference: Well (0.00N,0.00E,319.70Azi)
Survey Calculation Method: Minimum Curvature
Db: Sybase

Page: 2

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude --->			<--- Longitude --->		
								Deg	Min	Sec	Deg	Min	Sec
2380.00	18.40	320.60	2286.38	410.72	-349.62	7139570.81	2149661.19	39	54	20.649 N	109	41	4.307 W
2475.00	15.80	322.60	2377.17	432.59	-367.00	7139592.32	2149643.38	39	54	20.865 N	109	41	4.530 W
2569.00	12.00	325.90	2468.40	450.85	-380.26	7139610.31	2149629.75	39	54	21.046 N	109	41	4.700 W
2663.00	9.50	328.90	2560.75	465.59	-389.74	7139624.85	2149619.97	39	54	21.192 N	109	41	4.822 W
2758.00	5.90	324.30	2654.88	476.27	-396.64	7139635.39	2149612.85	39	54	21.297 N	109	41	4.910 W
2852.00	1.40	336.00	2748.66	481.24	-399.93	7139640.30	2149609.46	39	54	21.346 N	109	41	4.952 W
2885.00	1.90	337.90	2781.65	482.12	-400.30	7139641.17	2149609.07	39	54	21.355 N	109	41	4.957 W
3420.00	0.75	182.00	3316.57	486.84	-403.76	7139645.81	2149605.52	39	54	21.402 N	109	41	5.002 W
4620.00	1.75	160.00	4516.28	461.77	-397.77	7139620.87	2149612.02	39	54	21.154 N	109	41	4.925 W
5852.00	1.50	192.00	5747.80	428.32	-394.69	7139587.49	2149615.78	39	54	20.823 N	109	41	4.885 W
6920.00	2.00	152.00	6815.34	398.19	-388.84	7139557.49	2149622.23	39	54	20.525 N	109	41	4.810 W
8143.00	2.00	192.00	8037.65	358.47	-383.26	7139517.89	2149628.62	39	54	20.133 N	109	41	4.738 W
8223.00	2.00	192.00	8117.60	355.74	-383.84	7139515.15	2149628.10	39	54	20.106 N	109	41	4.746 W



SURVEY REPORT - CLOSURE

Prepared for:

HCU 7-32F

Dominion Exploration & Production

on

Section 32, T10S, R20E

Uintah County, Utah



Ryan Energy Technologies

Closure Survey Report



Company: Dominion Exploration & Product	Date: 9/8/2006	Time: 09:11:01	Page: 1
Field: Uintah County, Utah	Co-ordinate(NE) Reference: Well: HCU 7-32F, True North		
Site: HCU # 7-32F	Vertical (TVD) Reference: Est RKB 5290.0		
Well: HCU 7-32F	Section (VS) Reference: Well (0.00N,0.00E,319.70Azi)		
Wellpath: Original Hole	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Field: Uintah County, Utah Utah - Natural Buttes USA	Map System: US State Plane Coordinate System 1983	Map Zone: Utah, Central Zone
Geo Datum: GRS 1980	Coordinate System: Well Centre	
Sys Datum: Mean Sea Level	Geomagnetic Model: igrf2005	

Site: HCU # 7-32F			
Sec.32, 10S, 20E			
Site Position:	Northing: 7139167.28 ft	Latitude: 39 54 16.590 N	
From: Geographic	Easting: 2150019.08 ft	Longitude: 109 40 59.820 W	
Position Uncertainty: 0.00 ft		North Reference: True	
Ground Level: 5271.00 ft		Grid Convergence: 1.164 deg	

Well: HCU 7-32F	Slot Name:		
Well Position:	Northing: 7139167.28 ft	Latitude: 39 54 16.590 N	
+N/-S 0.00 ft	Easting: 2150019.08 ft	Longitude: 109 40 59.820 W	
+E/-W 0.00 ft			
Position Uncertainty: 0.00 ft			

Wellpath: Original Hole	Drilled From: Surface		
Current Datum: Est RKB	Tie-on Depth: 0.00 ft		
Magnetic Data: 8/3/2006	Above System Datum: Mean Sea Level		
Field Strength: 52794 nT	Declination: 11.758 deg		
Vertical Section: Depth From (TVD)	Mag Dip Angle: 65.884 deg		
ft	+N/-S ft	+E/-W ft	Direction deg
0.00	0.00	0.00	319.70

Survey Program for Definitive Wellpath				
Date: 9/8/2006	Validated: No	Version: 0		
Actual From ft	To ft	Survey	Toolcode	Tool Name
540.00	2885.00	Ryan MWD (540.00-2885.00)	MWD	MWD
3420.00	8143.00	Single Shot Surveys (3420.00-8	Single Shot	Single Shot
8223.00	8223.00	Projection to TD (8223.00-8223	Projection	Projection

Survey										
MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	Clsr Dist. ft	Clsr Azi. deg	Dog Leg deg/100ft	Tool
540.00	0.00	319.00	540.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE LINE
605.00	1.50	293.20	604.99	0.34	-0.78	0.76	0.85	293.20	2.31	MWD
696.00	4.30	300.40	695.87	2.53	-4.82	5.05	5.44	297.71	3.10	MWD
787.00	8.20	304.20	786.31	7.91	-13.13	14.53	15.33	301.05	4.31	MWD
879.00	10.50	316.10	877.09	17.64	-24.37	29.22	30.09	305.89	3.25	MWD
969.00	13.60	320.70	965.10	31.74	-36.77	47.99	48.57	310.80	3.60	MWD
FmtErr	17.00	325.70	1052.86	51.01	-51.04	71.92	72.17	314.98	4.00	MWD
FmtErr	21.20	320.90	1140.73	75.31	-69.32	102.27	102.35	317.37	4.82	MWD
FmtErr	21.40	316.10	1229.25	101.13	-92.17	136.74	136.83	317.65	1.85	MWD
FmtErr	22.40	315.70	1316.46	126.30	-116.57	171.73	171.88	317.29	1.08	MWD
FmtErr	24.80	318.40	1403.51	154.16	-142.45	209.71	209.90	317.26	2.77	MWD
FmtErr	24.40	319.30	1488.98	183.62	-168.20	248.83	249.02	317.51	0.58	MWD
FmtErr	21.10	317.50	1575.66	210.83	-192.30	285.17	285.35	317.63	3.59	MWD
FmtErr	18.50	319.20	1665.03	234.85	-213.70	317.33	317.52	317.70	2.80	MWD
FmtErr	19.00	324.00	1754.05	258.52	-232.44	347.51	347.65	318.04	1.72	MWD
FmtErr	19.80	323.80	1843.66	284.01	-251.03	378.98	379.05	318.53	0.85	MWD
FmtErr	21.90	322.90	1931.50	310.85	-271.01	412.36	412.40	318.92	2.26	MWD
FmtErr	19.20	324.30	2019.51	337.39	-290.61	445.28	445.29	319.26	2.92	MWD
FmtErr	20.10	320.40	2108.98	362.65	-310.13	477.17	477.18	319.46	1.67	MWD
FmtErr	19.40	320.70	2197.45	387.18	-330.32	508.93	508.94	319.53	0.75	MWD
FmtErr	18.40	320.60	2286.38	410.72	-349.62	539.38	539.38	319.59	1.06	MWD



Ryan Energy Technologies

Closure Survey Report



Company: Dominion Exploration & Product
Field: Uintah County, Utah
Site: HCU # 7-32F
Well: HCU 7-32F
Wellpath: Original Hole

Date: 9/8/2006
Co-ordinate(NE) Reference: Well: HCU 7-32F, True North
Vertical (TVD) Reference: Est RKB 5290.0
Section (VS) Reference: Well (0.00N,0.00E,319.70Azi)
Survey Calculation Method: Minimum Curvature
Db: Sybase

Page: 2

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	Clsr Dist. ft	Clsr Azi. deg	Dog Leg deg/100ft	Tool
FmtErr	15.80	322.60	2377.17	432.59	-367.00	567.29	567.29	319.69	2.81	MWD
FmtErr	12.00	325.90	2468.40	450.85	-380.26	589.79	589.80	319.86	4.13	MWD
FmtErr	9.50	328.90	2560.75	465.59	-389.74	607.17	607.18	320.07	2.72	MWD
FmtErr	5.90	324.30	2654.88	476.27	-396.64	619.78	619.80	320.21	3.84	MWD
FmtErr	1.40	336.00	2748.66	481.24	-399.93	625.70	625.73	320.27	4.83	MWD
FmtErr	1.90	337.90	2781.65	482.12	-400.30	626.61	626.64	320.30	1.52	MWD
FmtErr	0.75	182.00	3316.57	486.84	-403.76	632.44	632.48	320.33	0.49	Single Shot
FmtErr	1.75	160.00	4516.28	461.77	-397.77	609.45	609.47	319.26	0.09	Single Shot
FmtErr	1.50	192.00	5747.80	428.32	-394.69	581.95	582.44	317.34	0.08	Single Shot
FmtErr	2.00	152.00	6815.34	398.19	-388.84	555.19	556.56	315.68	0.12	Single Shot
FmtErr	2.00	192.00	8037.65	358.47	-383.26	521.29	524.78	313.09	0.11	Single Shot
FmtErr	2.00	192.00	8117.60	355.74	-383.84	519.58	523.34	312.82	0.00	Projection

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

7/1/2007

FROM: (Old Operator): N1095-Dominion Exploration & Production, Inc 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134 Phone: 1 (405) 749-1300	TO: (New Operator): N2615-XTO Energy Inc 810 Houston St Fort Worth, TX 76102 Phone: 1 (817) 870-2800
--	--

CA No.				Unit:		HILL CREEK		
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/6/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/6/2007
- a. Is the new operator registered in the State of Utah: Business Number: 5655506-0143
- b. If **NO**, the operator was contacted on: _____
- a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: _____
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: _____
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 9/27/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/27/2007
- Bond information entered in RBDMS on: 9/27/2007
- Fee/State wells attached to bond in RBDMS on: 9/27/2007
- Injection Projects to new operator in RBDMS on: 9/27/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000138
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
- b. The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008

The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: XTO Energy Inc. <i>N2615</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 810 Houston Street CITY Fort Worth STATE TX ZIP 76102		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (817) 870-2800		8. WELL NAME and NUMBER: SEE ATTACHED
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		9. API NUMBER: SEE ATTACHED
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc.
14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134

N1095

James D. Abercrombie
James D. Abercrombie
Sr. Vice President, General Manager - Western Business Unit
(405) 749-1300

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) <u>Edwin S. Ryan, Jr.</u>	TITLE <u>Sr. Vice President - Land Administration</u>
SIGNATURE <i>Edwin S. Ryan, Jr.</i>	DATE <u>7/31/2007</u>

(This space for State use only)

APPROVED *9127107*

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

AUG 06 2007

DIV. OF OIL, GAS & MINING

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304731522	FEDERAL 1-29	SWNW	29	100S	200E	U-28203	12829	Federal	GW	P
4304731601	HILLCREEK FED 1-30	NWSW	30	100S	200E	U-30693	12829	Federal	GW	P
4304731675	HILL CREEK FED 1-27	SENW	27	100S	200E	U-29784	12829	Federal	GW	P
4304733671	HCU 1-28F	NENE	28	100S	200E	14-20-H62-4783	12829	Indian	GW	S
4304733672	HCU 1-29F	NENE	29	100S	200E	U-28203	12829	Federal	GW	P
4304733673	HCU 2-30F	NWNE	30	100S	200E	UTU-29784	12829	Federal	GW	P
4304733688	HCU 3-28F	NENW	28	100S	200E	U-28203	12829	Federal	GW	P
4304733689	HCU 3-29F	NENW	29	100S	200E	U-28203	12829	Federal	GW	P
4304733713	HCU 3-30F	NWNW	30	100S	200E	UTU-30693	12829	Federal	GW	P
4304733835	HCU 5-30F	SWNW	30	100S	200E	U-30693	12829	Federal	GW	P
4304733836	HCU 6-30F	SENW	30	100S	200E	U-30693	12829	Federal	GW	P
4304733964	HCU 8-30F	SENE	30	100S	200E	UTU-29784	12829	Federal	GW	P
4304733965	HCU 11-30F	NESW	30	100S	200E	U-30693	12829	Federal	GW	P
4304733966	HCU 13-30F	SWSW	30	100S	200E	U-30693	12829	Federal	GW	P
4304734045	HCU 5-28F	SWNW	28	100S	200E	U-28203	12829	Federal	GW	P
4304734046	HCU 7-29F	SWNE	29	100S	200E	U-28203	12829	Federal	GW	P
4304734223	HCU 9-29F	NESE	29	100S	200E	U-28203	12829	Federal	GW	P
4304734298	HCU 3-31F	NWNW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734299	HCU 5-31F	SWNW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734300	HCU 7-31F	SENW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734316	HCU 2-27F	NWNE	27	100S	200E	UTU-79130	12829	Federal	GW	P
4304734351	HCU 8-27F	SENE	27	100S	200E	UTU-79130	12829	Federal	GW	P
4304734352	HCU 11-31F	NWSW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734353	HCU 13-31F	SWSW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734853	HCU 1-33F	NENE	33	100S	200E	14-20-H62-4782	12829	Indian	GW	P
4304734854	HCU 3-34F	NENW	34	100S	200E	U-28203	12829	Federal	GW	P
4304734913	HCU 1-27F	NENE	27	100S	200E	U-79130	12829	Federal	GW	P
4304734914	HCU 3-27F	NENW	27	100S	200E	U-79130	12829	Federal	GW	P
4304734915	HCU 7-27F	SWNE	27	100S	200E	U-79130	12829	Federal	GW	S
4304734916	HCU 10-27F	NWSE	27	100S	200E	U-79130	12829	Federal	GW	P
4304734917	HCU 14-30F	SWSW	30	100S	200E	U-30693	12829	Federal	GW	P
4304734918	HCU 15-30F	SWSE	30	100S	200E	U-29784	12829	Federal	GW	P
4304734919	HCU 2-31F	NWNE	31	100S	200E	U-30693	12829	Federal	GW	P
4304734920	HCU 6-31F	SWNW	31	100S	200E	U-30693	12829	Federal	GW	P
4304734921	HCU 4-31F	NWNW	31	100S	200E	U-30693	12829	Federal	GW	P
4304735130	HCU 11-27F	NESW	27	100S	200E	U-29784	12829	Federal	GW	P
4304735131	HCU 2-29F	NWNE	29	100S	200E	U-28203	12829	Federal	GW	P
4304735132	HCU 9-30F	NESE	30	100S	200E	U-29784	12829	Federal	GW	P
4304735133	HCU 10-30F	NWSE	30	100S	200E	U-29784	12829	Federal	GW	P
4304735134	HCU 1-31F	NENE	31	100S	200E	U-36903	12829	Federal	GW	P
4304735135	HCU 12-31F	NWSW	31	100S	200E	U-30693	12829	Federal	GW	P
4304735137	HCU 2-33F	NENE	33	100S	200E	U-28203	12829	Federal	GW	P
4304735139	HCU 5-34F	NENW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735154	HCU 13-27F	NESW	27	100S	200E	U-29784	12829	Federal	GW	P
4304735230	HCU 8-33F	SENE	33	100S	200E	14-20-H62-4782	12829	Indian	GW	P
4304735307	HCU 6-29F	SENW	29	100S	200E	U-28203	12829	Federal	GW	P
4304735470	HCU 11-29F	NESW	29	100S	200E	U-28203	12829	Federal	GW	P
4304735471	HCU 10-29F	NWSE	29	100S	200E	U-28203	12829	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304735507	HCU 12-29FA	NESW	29	100S	200E	U-28203	12829	Federal	GW	DRL
4304735724	HCU 16-27F	SESE	27	100S	200E	U-79130	12829	Federal	GW	P
4304735725	HCU 9-27F	NESE	27	100S	200E	U-79130	12829	Federal	GW	P
4304735726	HCU 15-27F	SWSE	27	100S	200E	U-79130	12829	Federal	GW	P
4304735727	HCU 9-34F	NESE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735728	HCU 7-34F	SWNE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735832	HCU 9-33F	NESE	33	100S	200E	U-28203	12829	Federal	GW	P
4304735833	HCU 16-33F	SESE	33	100S	200E	U-28203	12829	Federal	GW	P
4304735835	HCU 11-34F	NESW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735836	HCU 12-34F	NWSW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735837	HCU 13-34F	SWSW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735838	HCU 15-34F	SWSE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735875	HCU 14-34F	SWSE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735934	HCU 8-31F	SENE	31	100S	200E	U-30693	12829	Federal	GW	P
4304735935	HCU 10-31F	NWSE	31	100S	200E	U-30693	12829	Federal	GW	P
4304735936	HCU 9-31F	NWSE	31	100S	200E	U-30693	12829	Federal	GW	P
4304735939	HCU 16-28F	SESE	28	100S	200E	U-28203	12829	Federal	GW	P
4304735940	HCU 6-34F	SENE	34	100S	200E	U-28203	12829	Federal	GW	P
4304735996	HCU 16-34F	SESE	34	100S	200E	U-79130	12829	Federal	GW	P
4304736046	HCU 14-31F	SWSW	31	100S	200E	U-30693	12829	Federal	GW	P
4304736251	HCU 16-30F	NESE	30	100S	200E	U-29784	12829	Federal	GW	P
4304736319	HCU 10-28F	NWSE	28	100S	200E	U-28203	12829	Federal	GW	P
4304736320	HCU 13-28F	SWSW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736321	HCU 14-28F	SESW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736437	HCU 5-27F	SWNW	27	100S	200E	U-29784	12829	Federal	GW	DRL
4304736438	HCU 4-27F	SWNW	27	100S	200E	U-29784	12829	Federal	GW	DRL
4304736439	HCU 11-28F	NESW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736440	HCU 5-30F2	SWNW	30	100S	200E	U-30693	12829	Federal	GW	DRL
4304736601	HCU 5-33F	SWNW	33	100S	200E	U-28203	12829	Federal	GW	P
4304736602	HCU 12-33F	NWSW	33	100S	200E	U-28203	12829	Federal	GW	P
4304736603	HCU 6-28F	SENE	28	100S	200E	U-28203	12829	Federal	GW	S
4304736604	HCU 12-28F	NWSW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736685	HCU 13-33F	SWSW	33	100S	200E	U-28203	12829	Federal	GW	P
4304736846	HCU 9-28F	NESE	28	100S	200E	14-20-H62-4781	12829	Indian	GW	P
4304736847	HCU 8-28F	SENE	28	100S	200E	14-20-H62-4783	12829	Indian	GW	P
4304736848	HCU 7-28F	SWNE	28	100S	200E	U-28203	12829	Federal	GW	P
4304736849	HCU 1-34F	NENE	34	100S	200E	U-79130	12829	Federal	GW	P
4304736852	HCU 14-27F	NESW	27	100S	200E	U-29784	12829	Federal	GW	DRL
4304736853	HCU 16-29F	SESE	29	100S	200E	U-28203	12829	Federal	GW	P
4304737060	HCU 4-33F	NWNW	33	100S	200E	U-28203	12829	Federal	GW	P
4304737202	HCU 6-33F	SENE	33	100S	200E	U-28203	12829	Federal	GW	P
4304737203	HCU 3-33F	NWNE	33	100S	200E	U-28203	12829	Federal	OW	P
4304737204	HCU 15-28F	NWNE	33	100S	200E	14-20-H62-4781	12829	Indian	OW	P
4304737284	HCU 7-30F	SENE	30	100S	200E	U-29784	99999	Federal	OW	DRL
4304737340	HCU 5-29F	SWNW	29	100S	200E	U-28203	12829	Federal	GW	P
4304737360	HCU 11-33F	NWSW	33	100S	200E	U-28203	12829	Federal	GW	P
4304737424	HCU 12-27F	NESW	27	100S	200E	U-29784	12829	Federal	OW	DRL
4304737425	HCU 14-29F	SWSW	29	100S	200E	U-28203	12829	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304737426	HCU 13-29F	SWSW	29	100S	200E	U-28203	12829	Federal	GW	P
4304737427	HCU 8-29F	NESE	29	100S	200E	U-28203	12829	Federal	GW	P
4304737445	HCU 8-34F	SENE	34	100S	200E	U-79130	12829	Federal	OW	S
4304737446	HCU 2-34F	NWNE	34	100S	200E	U-79130	12829	Federal	OW	DRL
4304737447	HCU 7-33F	SENE	33	100S	200E	U-28203	12829	Federal	OW	DRL
4304737570	HCU 10-33F	NWSE	33	100S	200E	14-20-H62-4782	12829	Indian	GW	P
4304737749	HCU 4-28F	NENW	28	100S	200E	U-28203	99999	Federal	GW	DRL
4304737750	HCU 14-33F	SWSE	33	100S	200E	U-028203	12829	Federal	GW	DRL
4304731560	HILL CREEK ST 1-32	SENE	32	100S	200E	ML-22313	12829	State	GW	P
4304734852	HCU 4-32F	NWNW	32	100S	200E	ML-22313-2	12829	State	GW	P
4304735136	HCU 5-32F	SWNW	32	100S	200E	ML-22313-2	12829	State	GW	P
4304735870	HCU 13-32F	NESE	31	100S	200E	ML-22313-2		State	GW	LA
4304735871	HCU 12-32F	NESE	31	100S	200E	ML-22313-2		State	GW	LA
4304735872	HCU 14-32F	SESW	32	100S	200E	ML-22313-2	12829	State	GW	P
4304735873	HCU 3-32F	NENW	32	100S	200E	ML-22313-2	12829	State	GW	DRL
4304735874	HCU 11-32F	SENE	32	100S	200E	ML-22313-2	12829	State	D	PA
4304736322	HCU 16-32F	SESE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736323	HCU 9-32F	NESE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736324	HCU 8-32F	SENE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736441	HCU 1-32F2	NENE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736684	HCU 7-32F	SENE	32	100S	200E	ML-22313-2	12829	State	GW	P



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
3180
UT-922

Dominion Exploration & Production, Inc.
Attn: James D. Abercrombie
14000 Quail Springs Parkway, #600
Oklahoma City, OK 73134-2600

August 10, 2007

Re: Hill Creek Unit
Uintah County, Utah

Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the Hill Creek Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Hill Creek Unit Agreement.

Your statewide oil and gas Bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED

AUG 16 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22312-2
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: HILL CREEK UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2302' FNL & 1046' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 32 10S 20E S		8. WELL NAME and NUMBER: HCU 7-32F
PHONE NUMBER: (505) 333-3100		9. API NUMBER: 4304736684
		10. FIELD AND POOL, OR WILDCAT: NAT BUTTES / WSTCH-MVRD
		COUNTY: UINTAH
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 4/1/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: CLEANOUT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. performed cleanout work on this well per the attached morning report.

NAME (PLEASE PRINT) DOLENA JOHNSON	TITLE REGULATORY CLERK
SIGNATURE <i>Dolena Johnson</i>	DATE 6/5/2008

(This space for State use only)

RECEIVED

JUN 09 2008

DIV. OF OIL, GAS & MINING

Farmington Well Workover Report

HILL CREEK UNIT	Well # 007-32F	MV/WSTC
------------------------	-----------------------	----------------

Objective: Cleanout**First Report:** 03/19/2008

3/20/08 SITP 500 psig. SICP 800 psig. Bd tbg. ND WH. NU BOP. Ppd 50 bbls treated 2% KCL wtr & kill csg. Attd to TOH & found tbg stuck. Wrkd & jarred tbg to 25K over strg wt, 4 hrs. Unable to free tbg. SWI & SDFN. 50 BLWTR.

3/21/08 SITP 0 psig. SICP 550 psig. Bd csg. Ppd 50 bbls treated 2% KCL wtr & kill csg. MIRU Casedhole Solutions WLU. RIH w/freepoint tl. Tbg 100% stuck in tbg col @ 5,690', 60% free @ 5,665'. POH & LD freepoint tl. RIH w/chem cutter. Made chem cut @ 5,665', 8' abv tbg col. POH RDMO WLU. TOH w/182 jts 2-3/8", 4.7#, N-80, EUE, 8rd tbg & 23' cut off jt (Had hvy sc on outside of btm 8 jts tbg, inside cln). TIH w/4-3/4" blade mill, 3-1/8" bumper sub, 3-1/8" hyd jars, 4 - 3-1/8" DC's, 3-1/8" intensifier, 2-3/8" x 8' tbg sub & 163 jts 2-3/8" tbg. Tgd ti spot in csg @ 5,207'. MIRU Tech Foam AFU. Estb circ & CO 40' of sc fr/ 5,207' - 5,247' & fell thru. Cont stg in hole & CO random ti spots in csg w/AFU fr/5,247' - 5,672' tbg meas (TOF) w/16 jts 2-3/8" tbg. Circ well cln. RD AFU. TOH w/20 jts 2-3/8" tbg. EOT @ 5,055'. SWI. SDFHWE. 175 BLWTR.

3/25/08 SITP 100 psig. SICP 850 psig. Bd csg. Ppd 50 bbls treated 2% KCL wtr & kill csg. TOH w/159 jts 2-3/8" tbg, 4 - 3-1/2" DC & LD mill. TIH w/4-11/16" OS, bumper sub, hyd jars, 4 - 3-1/2" DC, int, & tbg. Tgd TOF @ 5672'. Latch onto fish & wrkd stk tbg @ 70k. Tbg came free. TOH to BRS depth of 5740'. Tbg strg pld ti. Wrkd stk tbg @ 5740'. Hyd jars failed. MI RU Multi-Chem & ppd 30 gals mutual solvent, & 350 gals 15% HCl dwn TCA. Flshd ac w/60 bbls of trtd 2% KCl wtr @ 0 psig. SWI & SDFN. 320 BLWTR.

3/26/08 SITP 0 psig, SICP 50 psig. Bd csg. PU on & found tbg free. TOH w/179 jts 2-3/8" tbg, 4 - 3-1/8"DC, bumper sub, hyd jars & OS. Recd 76 jts 2-3/8" tbg, SN & BRS. LD DC's & fish assy. TIH w/4.75" tricone bit, 5.5" csg scr & 183 jts 2-3/8" tbg. Tgd sc BU @ 5700'. RU swivel & estb circ w/AFU. DO sc bridges fr/ 5700' - 5740'. Cont TIH w/4.75" tricone bit, 5.5" scr & 77jts 2-3/8" tbg. Tgd fill @ 8060'. RU swivel & estb circ. CO fill fr/8060' - 8155' (PBTB). Circ cln. Spotd 55 gals biocide & 22 gals sc inhbmxd @ 100 ppm biocide & 25 ppm sc inhib @ EOT. RD swivel. TOH w/30 jts 2-3/8" tbg. EOT @ 7200'. SWI & SDFN. 320 BLWTR.

3/27/08 SITP 800 psig, FCP 100 psig. Bd csg. TOH w/tbg & LD bit & scr. TIH w/253 jts 2-3/8", 4.7#, N-80, 8rd, EUE tbg, 2-3/8" SN w/mule shoe col. Ld tbg w/hgr. SN @ 7839', EOT @ 7840'. ND BOP. NU WH. MV perfs fr/5,184' - 8,045', PBTB @ 8,155'. RU Multi-chem. Pmp 100 gals 15% HCl dwn tbg. Flshd ac w/20 bbls trtd 2% KCl wtr. RU swb tbs & RIH w/1-1/2" sbs to SN @ 7839'. RIH w/1.91" tbg broach to 7939'. No ti spots. POH & Ld broach. SWI & SDFN. 65 BLWTR

Tubing	Location:		Lower						
	ZONE 1	Desc: MV/WSTC		Top Perf: 5,184		Btm Perf: 8,054		OH:	No
						Top	Btm		
	Qty	Type	Description	Cond	Depth	Depth	Length		
	253	Tubing	2-3/8", 4.7#, J-55, EUE, 8rd Tubing	Same	18	7,838	7,819.76'		
	1	Tubing	2-3/8" SN	New	7,838	7,839	1.10'		
	1	Tubing	2-3/8" Mule Shoe Collar	New	7,839	7,839	0.42'		
								Total	7,821.28'
								Landed @	7,821.28'

3/28/08 SITP 0 psig, SICP 1000 psig. RU swb tbs. BFL @ 4,200' FS. S. 0 BO, 115 BLW, 18 runs, 8-1/2 hrs, FFL @ 4,700' FS w/sli blow after swb. SICP 1000 psig. SWIFPBW & SDFN.

Tubing	Location:		Lower						
	ZONE 1	Desc:	MV	Top Perf:	5,184	Btm Perf:	8,054	OH:	No
						Top	Btm		
	<u>Qty</u>	<u>Type</u>	<u>Description</u>	<u>Cond</u>	<u>Depth</u>	<u>Depth</u>	<u>Length</u>		
	253	Tubing	2-3/8", 4.7#, J-55, EUE, 8rd Tubing	Same	18	7,838	7,819.76'		
	1	Tubing	2-3/8" SN	New	7,838	7,839	1.10'		
	1	Tubing	2-3/8" Mule Shoe Collar	New	7,839	7,839	0.42'		

Total 7,821.28'
Landed @ 7,821.28'

<i>Swab</i>	Zone:	MV			
	Event Desc:	Swab		Top Interval: 5,184	Bottom Interval: 8,054
		Swab	Beg	BBLS	
	Time	Runs	FL	Rec	Comments
	7:00:00 AM	1	4,200	8	
	3:00:00 PM	16	4,200	103	
	3:30:00 PM	1	4,700	6	
			Ttl Bbls:	117	

3/29/08 SITP 50 psig, SICP 1000 psig. RU & RIH w/swb tls. BFL @ 4,600' FS. S. 45 BLW, 6 runs, 3 hrs, KO well flwg. F. 50 BLW, 2 hrs. Well died. RIH w/swb tls. BFL @ 2,500' FS. S. 41 BLW, 7 runs, 3.5 hrs, KO well flwg. F. 35 BLW, 2 hrs died. SICP 1000 psig. SWIFPBU & SDFWE. 0 BLWTR.

<i>Swab</i>	Zone:	MV/WSTC			
	Event Desc:	SWAB		Top Interval: 5,184	Bottom Interval: 8,054
		Swab	Beg	BBLS	
	Time	Runs	FL	Rec	Comments
	7:00:00 AM	1	4,200	8	
	7:30:00 AM	11	4,200	128	
	5:30:00 PM	11	1,500	35	
			Ttl Bbls:	171	

4/1/08 SITP 50 psig, SICP 1000 psig. RU & RIH w/swb tls. BFL @ 4,800' FS. S. 24 BLW, 3 runs, 1.5 hrs, KO well flwg. F. 20 BW 2 hrs & died. RIH w/swb tls. BFL @ 2,500' FS. S. 86 BLW, 10 runs, 6 hrs, KO, F. 81 BW 3 hrs. RDMO Key Energy #6013 w/well flwg to tst tnk. RWTP @ 9:00 P.M. 0 BLWTR.

<i>Swab</i>	Zone:	MV/WSTC			
	Event Desc:	SWAB		Top Interval: 5,184	Bottom Interval: 8,054
		Swab	Beg	BBLS	
	Time	Runs	FL	Rec	Comments
	7:00:00 AM	1	4,800	8	
	7:30:00 AM	12	4,800	197	
	7:00:00 PM	1	1,500	6	
			Ttl Bbls:	211	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22313-2
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: XTO ENERGY INC		7. UNIT or CA AGREEMENT NAME: HILL CREEK
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410		8. WELL NAME and NUMBER: HCU 7-32F
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2302 FNL 1046 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 32 Township: 10.0S Range: 20.0E Meridian: S		9. API NUMBER: 43047366840000
PHONE NUMBER: 505 333-3159 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/9/2010	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: CLEANOUT	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy Inc. has acidized & cleaned out this well per the attached summary report.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 14, 2010		
NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 505 333-3642	TITLE Regulatory Compliance Tech
SIGNATURE N/A	DATE 4/14/2010	

EXECUTIVE SUMMARY REPORT

1/1/2010 - 4/14/2010
Report run on 4/14/2010 at 12:24 PM

Hill Creek Unit 07-32F

Section 32-10S-20E, Uintah, Utah, Roosevelt

3/17/2010 MIRU TWS rig #2. PBDT @ 8,140', EOT @ 7,839', SN @ 7,838'. WA/MV perfs fr/5,184' - 8,054'. Bd tbgs, and start to Bd csg. ND WH, NU BOP. Csg psig @ 600 psig. Installed stripping rubber, PU on tbgs strgs weighing 38,000#, PU 16", strgs wt 55,000#. Ld tbgs on hgr, pps 30 bbls of trtd 2% KCL wtr dwn csg. ND BOP. Decided to F well to the pit tk overnight. ND WH, and left well flowing to the pit tk on a 32/64 ck overnight.

3/18/2010 ===== Hill Creek Unit 07-32F =====
MIRU Seaboard WH Inc, and torqued csg ring. Contrl csg w/60 bbls of trtd 2% KCL wtr. ND WH, rmv tbgs hgr, and NU BOP. Wrkd tbgs fr/30K - 55K for 1 hr. Unable to free tbgs. MIRU Casedhole Solutions WL, RIH w/free point tls and found tbgs stuck @ 5,690'. POH w/LD free point tls. RIH w/stuck pipe logging tls. Log indic tbgs stuck fr/5,678' - 5,708', POH & LD logging tls. RIH w/strgs shot and rattled tbgs fr/5,666' - 5,706', wrkd tbgs, unable to free tbgs, POH & LD tls. RU & RIH w/chem cutter and cut tbgs off @ 5,663.5, POH w/tls. RDMO WLU. TOH w/8 jts of tbgs. OWU and left well flowing to the pit tk on a 32/64 ck overnight. SDFN.

3/19/2010 ===== Hill Creek Unit 07-32F =====
Cont to TOH w/174 jts of 2-3/8", J-55, 8rd, tbgs & 20' cut off jt. TIH w/BHA consisting of 3-3/4" OS, XO, BS, Hyd Jars, 4 - 3-1/8" DC's, Intensifier, XO, 2-3/8" tbgs sub & 178 jts of tbgs. Latch on TOF @ 5,663'. Jarred on fish to 55K for 4.5 hrs, unable to free fish. Rlsd OS & TOH w/112 jts of tbgs. EOT @ 2,400'. SWI & SDFWE.

3/22/2010 ===== Hill Creek Unit 07-32F =====
Bd well and contrl csg w/20 bbls of trtd 2% KCL wtr. Cont to TOH w/70 jts of 2-3/8", J-55, 8rd, tbgs. LD fishing/jarring BHA. TIH w/BHA consisting of 4-1/2" WO shoe, 1 jt wash pipe, XO, BS, Hyd Jars, 4 - 3-1/8" DCs, Intensifier, XO, 2-3/8" tbgs sub, and 177 jts of tbgs. RU pwr swivel & estab circ w/AFU. WO fish fr/5,663' to 5,697'. Circ well cln. TOH w/tbgs and LD WO BHA. TIH fishing BHA consisting of 3-3/4" OS, XO, BS, Hyd jars, 4 - 3-1/8" DC's, Intensifier, XO, 2-3/8" tbgs sub & 40 jts of tbgs. SDFN. Left well opn to the pit tk on a 32/64 ck overnight.

3/23/2010 ===== Hill Creek Unit 07-32F =====
Bd well and contrl csg w/40 bbls of trtd 2% KCL wtr. Cont to TIH w/fishing BHA. Did not tg TOF @ 5,663', fish had fallen out of sc. Tgd sc @ 5,696'. RU pwr swivel, and estab circ w/AFU. CO 12' of sc to 5,708', unable to make any more hole w/fishing BHA. Circ well cln. TOH w/tbgs and fishing BHA, LD lip guide OS assy. TIH fishing BHA consisting of 4-1/2" shoe, 3-3/4" OS, XO, BS, Hyd jars, 4 - 3-1/8" DC's, Intensifier, XO, 2-3/8" tbgs sub & 179 jts of tbgs. RU pwr swivel and estab circ w/AFU. Tgd sc @ 5,708' & CO 38' of sc to 5,746'. Circ well cln. TOH w/20 jts of tbgs. EOT @ 5,121'. SI tbgs and left csg opn to the pit tk on a 32/64 ck overnight.

3/24/2010 ===== Hill Creek Unit 07-32F =====
Bd well and contrl tbgs w/20 bbls of trtd 2% KCL wtr. TIH fishing BHA consisting of 4-1/2" shoe, 3-3/4" OS, XO, BS, Hyd jars, 4 - 3-1/8" DC's, Intensifier, XO, 2-3/8" tbgs sub & 179 jts of tbgs. RU pwr swivel and estab circ w/AFU. Tgd sc @ 5,746', CO 124' of sc to 5,870', fell thru sc. Circ well cln. Cont to TIH tgd TOF @ 5,955', latch fish, set jars off one time and pld fish free. RD pwr swivel and TOH w/tbgs to fishing assy. LD fishing tls, rec fish. LD 4 bad jts of tbgs, std bk remaining tbgs. Found btm 2 jts plgd w/sd. TIH w/4-3/4" rock tooth bit, 5-1/2" csg scr, SN & 2-3/8" tbgs. EOT @ 4,590'. SWI & SDFN.

===== Hill Creek Unit 07-32F =====

EXECUTIVE SUMMARY REPORT

1/1/2010 - 4/14/2010
Report run on 4/14/2010 at 12:24 PM

3/25/2010 Ld tbgs on hgr. MIRU Quick Test testers, and test BOP stack 250# low & 5,000# high. Gd tst. RDMO tstrs. Isol WA perfs fr/5,184' - 5,200', w/RBP set @ 5,237', PKR set @ 5,138'. RU & RIH w/swb tls. BFL @ 2,000' FS. S. 0 BO, 45 BLW, 12 runs, 4 hrs, FFL @ 2,300' FS. FTP 0 psig, SICP 0 psig. Fld smpls drk brn wtr. RD swb tls & SWIFPBU. SDFWE.

===== Hill Creek Unit 07-32F =====

3/25/2010 Bd well and contrl tbgs w/20 bbls of trtd 2% KCL wtr. TIH w/CO BHA consisting of 4-3/4" rock tooth bit, 5-1/2" csg scr, SN & 2-3/8" tbgs. RU pwr swivel and estab circ w/AFU. Tgd fill @ 8,078', CO 62' of fill to PBTB @ 8,140'. Circ well cln. RD pwr swivel and TOH w/tbgs to CO assy. LD CO tls. TIH w/Weatherford 5-1/2" RBP, PKR, SN, and 2-3/8" tbgs. Set RBP @ 5,237', and left PKR rlsd @ 5,138'. SWI & SDFN.

===== Hill Creek Unit 07-32F =====

3/29/2010 Opn tbgs to flw back tk on 32/64 ck, flwd 7 bbls cln gas cut ld wtr in 1.5 hrs. RU swb tls. BFL scatd FS. S. 0 BO, 5 BLW, 2 runs, 30", FFL scatd' FS. FTP 0 psig, SICP 0 psig. Fld smpls cln brn wtr. RD swb tls. Rlsd pkr & RBP. TIH & set RBP @ 8,122', set pkr @ 8,080'. PT tbgs, pkr & RBP to 3,500 psig for 5" tstd gd. Bd press. Rlsd pkr & RBP. MIRU Frac-Tech ac crew. PT surf equip to 5,000 psig. Proceed w/5 stage A. trtmnt as follows: Stg #1. Move tls & Isol MV perfs fr/8,008' - 8,054'. Trtd perfs w/325 gals 15% HCL ac w/add's mutual solvent, iron seq & corr inhib & sc inhibitor. Flshd w/34 bbls trtd 2% kcl wtr. Max trtg press 3,500 psig @ 2.2 BPM. ISIP 3,100 psig. 5" SITP 2,003 psig. Stg #2. Move tls & Isol MV perfs fr/7,842' - 7,892'. Trtd perfs w/590 gals 15% HCL ac w/add's mutual solvent, iron seq, sc inhib & corr inhib. Flshd w/33 bbls trtd 2% kcl wtr. Max trtg press 3,400 psig @ 3.9 BPM. ISIP 2,185 psig. 5" SITP 86 psig. Stg #3. Move tls & Isol MV perfs fr/7,694' - 7,794'. Trtd perfs w/1,015 gals 15% HCL ac w/add's mutual solvent, iron seq, sc inhib & corr inhib. Flshd w/33 bbls trtd 2% kcl wtr. Max trtg press 3,300 psig, avg trtg press 3,200 psig @ 4.5 BPM. ISIP 2,100 psig. 5" SITP 0 psig. Stg #4. Move tls & Isol WA perfs fr/5,674' - 5,686'. Trtd perfs w/244 gals 15% HCL ac w/add's mutual solvent, iron seq, sc inhib & corr inhib. Flshd w/25 bbls trtd 2% kcl wtr. Max trtg press 1,457 psig avg press 1,350 psig @ 5.2 BPM (Break @ EO stg fr/1,350 to 0 psig). ISIP 0 psig. 5" SITP 0 psig. Stg #5. Isol WA perfs fr/5,184' - 5,200'. Trtd perfs w/326 gals 15% HCL ac w/add's mutual solv, iron seq, sc inhibitor & corr inhib. Flshd w/23 bbls trtd 2% kcl wtr. Max trtg press 1,990 psig avg press 1,700 psig @ 5 BPM. ISIP 0 psig. RDMO Frac-Tech. Rlsd RBP & pkr. PUH abv perfs. EOT 5,093'. SWI. SDFN.

===== Hill Creek Unit 07-32F =====

3/30/2010 Bd well. Fin TOH w/tbgs. LD RBP & pkr. TIH w/2-3/8" mule shoe col, 2-3/8" SN & 252 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbgs. ND BOP. Ld tbgs w/donut tbgs hgr, w/SN @ 7,829'. EOT @ 7,830'. PBTB @ 8,140', Perfs fr/5,184' - 8,054'. RU & RIH w/swb tls. BFL @ 2,800' FS. S. 0 BO, 35 BLW, 10 runs, 3 hrs. FFL @ 3,000' FS, SICP 725 psig, black wtr ph 6, no solids. RD swb tls. SWI. SDFN.

===== Hill Creek Unit 07-32F =====

3/31/2010 RU & RIH w/swb tls. BFL @ 2,900' FS. S. 0 BO, 103 BLW, 28 runs, 8.5 hrs. FFL @ 3,700' FS, SICP 1,200 psig, black wtr, ph 6, no solids. RD swb tls. SWI. RDMO TWS rig #2. 77 BLWTR. Rpts suspnd turn well over to prod dept., WO swb un.

===== Hill Creek Unit 07-32F =====

4/5/2010 MIRU Tech Swabbing SWU. Bd tbgs. RU & RIH w/swb tls. SN @ 7,829'. BFL @ 4,200' FS. S. 0 BO, 74 BW, 13 run, 8 hrs. FFL @ 4,500' FS. SWI SDFN

===== Hill Creek Unit 07-32F =====

4/6/2010 MIRU Tech Swabbing SWU. Bd tbgs. RU & RIH w/swb tls. SN @ 7,829'. BFL @ 4,100' FS. S. 0 BO, 45.09 BW, 7 run, 11 hrs. FFL @ 2,500' FS. SITP 620 psig, SICP 875 psig. SDFN Tech Swabbing SWU.

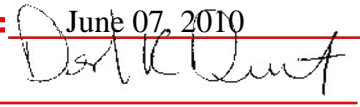
EXECUTIVE SUMMARY REPORT

1/1/2010 - 4/14/2010
Report run on 4/14/2010 at 12:24 PM

4/7/2010 ===== Hill Creek Unit 07-32F =====
Tech Swabbing SWU. Bd tbg. RU & RIH w/swb tls. SN @ 7,829'. BFL @ 4,300'
FS. S. 0 BO, 41 BW, 7 run, 8 hrs. FFL @ 2,000' FS. FTP 60 psig, SICP 825
psig. SDFN Tech Swabbing SWU.

4/8/2010 ===== Hill Creek Unit 07-32F =====
Tech Swabbing SWU. Bd tbg. RU & RIH w/swb tls. SN @ 7,829'. BFL @ 4,000'
FS. S. 0 BO, 151 BW, 9 run, 9.5 hrs. FFL @ 3,900' FS. FTP 50 psig, SICP
850 psig. SDFN Tech Swabbing SWU.

4/9/2010 ===== Hill Creek Unit 07-32F =====
Tech Swabbing SWU. Bd tbg. RU & RIH w/swb tls. SN @ 7,829'. BFL @ 4,200'
FS. S. 0 BO, 30 BW, 5 run, 6 hrs. FFL @ 4,500' FS. FTP 0 psig, SICP 960
psig. SDFN RDMO Tech Swabbing SWU.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22313-2			
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: XTO ENERGY INC		7. UNIT or CA AGREEMENT NAME: HILL CREEK			
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410		8. WELL NAME and NUMBER: HCU 7-32F			
PHONE NUMBER: 505 333-3159 Ext		9. API NUMBER: 43047366840000			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2302 FNL 1046 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 32 Township: 10.0S Range: 20.0E Meridian: S		9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
		COUNTY: UINTAH			
		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/15/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: PWOP </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: PWOP
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: PWOP			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy Inc. proposes to put this well on a pump with the intent of increasing production. Please see the attached procedure.					
		Approved by the Utah Division of Oil, Gas and Mining Date: June 07, 2010 By: 			
NAME (PLEASE PRINT) Barbara Nicol		PHONE NUMBER 505 333-3642			
SIGNATURE N/A		TITLE Regulatory Compliance Tech DATE 5/25/2010			

JTB _____
TJF _____

HCU 7-32F
Sec 32, T 10S, R 20 E
Uintah County, Utah
API- 43-047-36684

AFE #1001833

Put Well on Pump

Surf csg: 13-3/8" 42# J-55 csg @ 523' Circ cmt to surf
Interm csg: 9-5/8", 32#, J-55, ST&C csg @ 2901' Circ cmt to surface
Prod csg: 5-1/2", 17#, N80, LT&C csg @ 8200'. PBTD @ 8140'
Tbg: 2-3/8" 4.7# J-55 EUE tubing, EOT @ 7830'
Perfs: **WA:** 5184'-5200', 5674'-86
MV: 7694'-7609', 7719'-28', 7768'-94', 7842'-67', 7888'-92', 8038'-54'

PWOP Procedure

- 1) MI and set a Lufkin RM 456-365-144 pumping unit (min ECB 17,650) with C-106 engine.
Set CB weights as follows: (please note this is a directional well)

Description	Weight	Position
Left Lag	ORO + 1 OS	14" from end of crank
Left Lead	ORO + 1 OS	14" from end of crank
Right Lag	ORO + 1 OS	14" from end of crank
Right Lead	ORO + 1 OS	14" from end of crank

- 2) MIRU PU. Blow down casing to blow tank and kill well w/ 2% KCl. ND WH, NU BOP.
Unseat tubing hanger and lower tubing to tag, then tally out of hole, laying down tubing.
- 3) RIH with pumping string as follows:
- a) 2 3/8" x 5 1/2" TEC tubing anchor
 - b) 2 3/8" x 6' sub
 - c) 2 3/8" x 4' perforated sub
 - d) 2 3/8" x 2 7/8" X-over
 - e) 2 7/8" x 2.25" S/N
 - f) 2 7/8" 6.5# EUE L-80 tubing.

Land tubing in tension with anchor at ±8110'. ND BOP, NU wellhead. Swab tubing to recover solids and verify fluid is clean and pumpable.

- 4) RIH w/ pump and rod string as follows:
- a) 2 1/2" x 1 1/2" x 16' x 19' RHBC w/ 8' dip tube
 - b) 3/4" x 4' rod sub
 - c) 3/4" – 21,000 lb HF shear tool
 - d) 10- 1 1/4" API K Sinker Rods
 - e) 60- 3/4" Norris 96 Rods w/ "T" couplings, 5 molded guides/rod
 - f) 118 - 3/4" Norris 96 Rods w/ "T" couplings
 - g) 68- 3/4" Norris 96 Rods w/ "T" couplings, 5 molded guides/rod
 - h) 52 – 7/8" Norris 96 Rods w/ Slim hole couplings, 5 molded guides/rod
 - i) 16– 7/8" Norris 96 Rods w/ Slim hole couplings
 - j) 7/8"- Norris 96 rod pony rods as necessary to space out
 - k) 1 1/4" x 22' Polish rod
- 5) Space out pump as required with rod subs. Load tubing and long stroke with rig to ensure pump action.
- 6) Start well pumping at 2.5 SPM and 144" SL. Check fluid level \pm 1 week after start up.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410		8. WELL NAME and NUMBER: HCU 7-32F
PHONE NUMBER: 505 333-3159 Ext		9. API NUMBER: 43047366840000
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		COUNTY: UTAH
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/30/2010	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="PWOP"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy Inc. has put this well on a pumping unit per the attached summary report.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 10, 2010		
NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 505 333-3642	TITLE Regulatory Compliance Tech
SIGNATURE N/A	DATE 8/10/2010	

Hill Creek Unit 07-32F

7/12/2010: First report for PWOP. SN 7,828', Perfs 5,184' - 8,054', PBTD 8,140'. MIRU MS Survey Service. Run Gyroscopic Survey @ 100' stations fr/surf - 7,800' & projected survey to 8,140' fr/last survey pt. SWI. RDMO MS Services. Rpts susp to further activity.

7/15/2010: EOT @ 7,830', MIRU Temples WS rig #2 and equip. Bd well. ND WH, NU BOP. LD tbg hgr. TIH tgd 18' of fill @ 8,122'. TOH & LD 38 jts of 2-3/8", 4.7#, J-55, EUE, 8rd tbg. SWI & SDFN.

7/16/2010: Bd and contrl well w/trtd 2% KCL wtr. Cont to TOH & LD 2-3/8" J-55 tbg, SN & MS col. PU & TIH w/4-3/4" rock tooth bit, 5-1/2" csg scr, BS, XO, 2-7/8" SN & 154 jts of 2-7/8", L-80, EUE, 8rd tbg. EOT @ 5,084'. SWI & SDFWE.

7/19/2010: Bd well. Cont to TIH w/4-3/4" rock tooth bit, 5-1/2" csg scr, BS & 246 ttl jts 2-7/8" L-80 tbg. Tgd fill @ 8,110'. MIRU AFU. RU pwr swivel & estab circ w/AFU in 2 hr. CO 30' of fill fr/8,110' to PBTD @ 8,140'. Circ well cln and TOH w/162 jts of tbg. EOT @ 2,820'. SWI & SDFN.

7/20/2010: Cont to TOH and LD CO BHA. TIH w/2-3/8" MS col, 5-1/2" SH TAC, 6' x 2-3/8" tbg sub, 4' x 2-3/8" perfd sub, 2-3/8" x 2-7/8" XO, 2-7/8" SN & 245 jts 2-7/8", 6.5#, L-80, EUE, 8rd tbg. RU swb tls. RIH w/XTO's 2.40" tbg broach to SN @ 8,078', no ti spts. POH & LD broach. ND BOP. Ld tbg w/donut tbg hgr w/SN @ 8,078'. EOT @ 8,094'. NU WH. RU & RIH w/swb tls. BFL @ 2,000' FS. S. 0 BO, 12 BLW, 2 runs, 1 hrs. FFL @ 2,300' FS, SICP 50 psig, brn wtr, tr solids. RD swb tls. SWIFPBU & SDFN.

7/21/2010: RU & RIH w/swb tls. BFL @ 1,200' FS. S. 0 BO, 106 BLW, 21 runs, 7 hrs, FFL @ 5,500' FS, brn fld smpls w/tr solids. SICP 950 psig. RD swb tls. SWI & SDFN.

7/22/2010: PU & loaded 2-1/2" x 1-1/4" x 16' x 19' RHBC pmp (XTO #292) w/1" x 8' GAC. PU & TIH w/pmp BHA, 4' x 3/4" rod sub, shear tl pinned to 21,000#, 4' x 3/4" rod sub, 10 - 1-1/4" sbs, 60 - 3/4" Norris 96 skr d w/T cplgs & 5 molded guides pr rod, 110 - 3/4" Norris 96 skr d w/T cplgs, 76 - 3/4" Norris 96 skr d w/T cplgs & 5 molded guides pr rod, 56 - 7/8" Norris 96 skr d w/T cplgs & 5 molded guides pr rod, 9 - 7/8" Norris 96 skr d w/T cplgs, 2 - 7/8" rod subs (2' & 8') & 26' x 1-1/4" PR w/1-1/2" Inr. Seated pmp. PT tbg to 500 psig w/18 bbls trtd 2% KCL wtr. Tstd ok. Rlsd press. LS pmp w/rig to 1,500 psig. Gd PA. Rlsd press. SWO & clamped off rods for PU installation. SWI & RDMO. Unable to RWTP, PU not in place. RDMO rig and equip. Rpts suspnd turn well over to facilities.

7/30/2010: The Hill Creek Unit 7-32F PWOP. Stoke length 144. 3 SPM. This well is on Route #209. XTO allocation Meter # RS0849 RS. RTU Group 10. Address 210. Hill Creek CDP Meter # RS 0756 C. RWTP @ 5:00 p.m., 7/30/2010.

=====Hill Creek Unit 07-32F=====

End of Report

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22313-2
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: XTO ENERGY INC		7. UNIT or CA AGREEMENT NAME: HILL CREEK
3. ADDRESS OF OPERATOR: PO Box 6501, Englewood, CO, 80155		8. WELL NAME and NUMBER: HCU 7-32F
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2302 FNL 1046 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 32 Township: 10.0S Range: 20.0E Meridian: S		9. API NUMBER: 43047366840000
PHONE NUMBER: 303 397-3727 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/26/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="CLEANOUT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy Inc. performed a cleanout on this well per the attached summary report.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 07, 2015		
NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 303-397-3736	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 4/3/2015	

Hill Creek Unit 07-32F

3/19/2015: MIRU. RD PU. MIRU hot oiler. PT tbg w/20 bbls TFW to 3,000 psig. Unseated pmp. Flshd tbg w/ 40 bls TFW @ 200°F. LD 1-1/2" x 26' PR. TOH rods & pump. ND WH. NU & FT Bop. TIH w/ 1 jt tbg. Tgd 29' fill @ 8,102'. TOH w/ 120 jts tbg.

3/20/2015: TOH w/ 46 jts tbg, 78 jts tbg, 2.875" SN, 4' perf sub, 6' sub, Ms clr. MU & TIH w/ 4.75" bit, 5.5" scraper, sn & 245 jts 2.875" tbg. Tgd 29' fill @ 8,120'. TOH w/ 245 jts tbg, Ld bit/scr.

3/23/2015: MU & TIH w/4.75" bit, sn & 202 jts 2.875" tbg. Rig broke down. SWI & SDF rig repair.

3/24/2015: Repair Rig (4hr). TIH w/42 jts 2.875" tbg. MIRU AFU. PU 1 jt 2-7/8" tbg. Tag fill @ 8,120'. Estb circ. CO to FT @ 8,131'. C&C 1 hr. Kill well w/20 BLS TPW. RDMO AFU. LD 1 jt 2.875" tbg. TOH w/100 jt 2.875" tbg. EOT @ 4,750'.

3/25/2015: Con't TOH w/144 jt 2.875" tbg. MU & TIH w/ Ms clr, RH set TAC, 2.875" tbg sub (4'), 2.875" SN, 78 jts 2-7/8" tbg & 166 jts 2-7/8" tbg. Set TAC @ 8,075' w/ 12k tension. Ld tbg on hgr. ND BOP. NU WH. Broach. Swab.

3/26/2015: PU & loaded new pump and rods, RIH. Seated pmp. PT tbg to 500 psig w/20 bbls TPW. Rlsd press. LS pmp w/rig to 1,000 psig. GPA. HWO & RWTP.

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